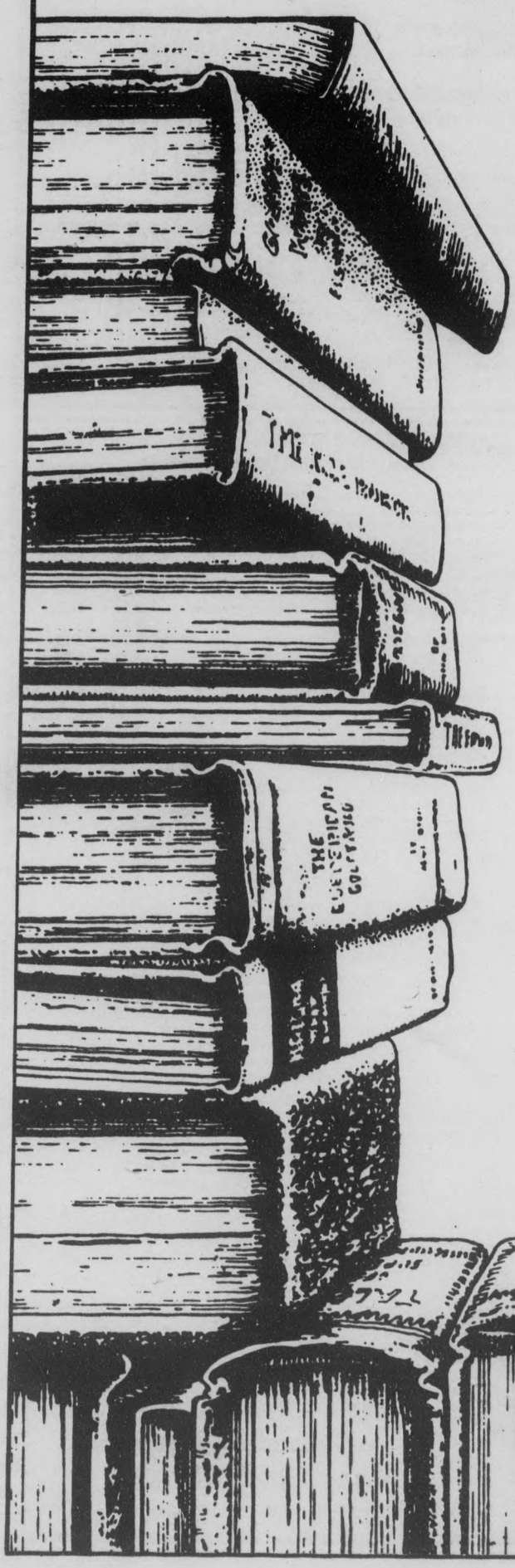
Volume:
1990
Fall Semester
2nd Edition

SCHEDULE OF CLASSES

The University of Maryland at College Park

Second Edition, Fall 1990

New Core General Education Program (see page 21)



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Turkey	3.25	6.50
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Ham	3.25	6.50
Ham'n Cheese	3.25	6.50
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SEPTEMBER

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
						1
2	3 LABOR DAY	4 FIRST DAY OF CLASSES	5	6	7	8
9	10	11	12	13	14	15
16	17 Last Day: Schedule Adjustment; Apply for Dec. Graduation	18	19	20 ROSH HASHANAH	21	22
23 30	24 Doctoral Student Deadline (See Page 7)	25	26	27	28	29 YOM KIPPUR

September 4 — Tuesday — First Day of Classes
September 17 — Monday — Last Day of Schedule Adjustment and to Apply for December Graduation

OCTOBER

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15 Master's Student Deadline (See Page 7)	16	17	18	19	20
21	22	23 Spring '91 First Edition Schedule of Classes available	24	25	26	27
28	29	30	31			

NOVEMBER

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
				1	2	3
4	5	6	7	8	9	10
11	12 Undergrad Stud. Last Day to drop a course with "W"; Grad. Stud. Last Day to adjust sched.	13	14	15	16	17
18	19	20	21	22 Thanksgiving Recess	23	24
25	26	27	28 Doctoral Student Deadline (See Page 7)	29	30	

November 12 — Monday
—Last Day for Undergraduate to Drop a Course with a "W"
—Last Day for Graduates to Adjust Schedule

DECEMBER

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
						1
2	3	4	5 Master's Student Deadline (See Page 7)	6	7	8
9	10	11 LAST DAY OF CLASSES	12 EXAM STUDY DAY	13 F	14 I N A	15 L
16	17 E X A	18 M I N	19 A T I	20 O N S	21 Commencement	22
23 30	24 31	25	26	27	28	29

December 11 — Tuesday — Last Day of Classes
December 12 — Wednesday — Exam Study Day
December 13-20 — Thursday-Thursday — Final Examinations
December 21 — Friday — Commencement

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JANUARY

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
		1 New Year's Day	2	3	4	5
6	7	8	9	10	11 Spring '91 Second Editin Schedule of Classes Available	12
13	14	15	16	17	18	19
20	21 Martin Luther King Holiday	22 First Day of Classes	23	24	25	26
27	28	29	30	31		

January 22 — Tuesday — First Day of Classes

FEBRUARY

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
					1	2
3	4 Last Day! Schedule Adjustment; Apply for May Graduation	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

February 4 — Monday — Last Day of Schedule Adjustment
— Last Day to Apply for May Graduation

MARCH

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22 Fall '91 First Edition Schedule of Classes Available	23
24	25 SPRING RECESS	26	27	28	29	30

March 25-31 — Monday-Friday — Spring Recess

APRIL

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1	2	3	4	5 Undergrad: Last day to drop with a W Grad: last day to adjust schedule	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

April 5 — Friday — Last Day for Undergraduates to Drop a course with a 'W'
— Last Day for Graduates to adjust schedule

MAY

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			1	2	3	4
5	6	7	8	9	10	11
12	13 Last Day Of Classes	14 Exam Study Day	15 ------FINAL EXAMINATIONS-----	16	17	18
19	20 ---EXAMINATIONS---	21 FINAL	22	23 Commencement	24	25
26	27	28	29	30		

May 13 — Monday — Last Day of Classes
May 14 — Tuesday — Exam Study Day
May 15-22 — Wednesday-Wednesday — Final Examinations
May 23 — Thursday — Commencement

SEPTEMBER 17th IS THE LAST DAY TO:

- ADD A COURSE
- DROP A COURSE (WITHOUT A "W")
- CHANGE CREDIT LEVEL
- CHANGE GRADING OPTION
- APPLY FOR A DECEMBER 1990 DIPLOMA
- PROCESS A LATE REGISTRATION

NEW CORE GENERAL EDUCATION PROGRAM

SEE PAGE 21

6 Registration & Schedule Adjustment Procedures

IMPORTANT REGISTRATION DATES:

REGISTRATION & SCHEDULE ADJUSTMENT		
THROUGH AUGUST 29	9:00-11:30	1130 MITCHELL BUILDING
WALK IN	1:00-4:30	
AUGUST 30-AUGUST 31	8:45-11:45	RECKORD ARMORY
WALK IN	1:00-4:15	
SPETEMBER 4-5	8:45-11:45	RECKORD ARMORY
WALK IN	1:00-5:00	
LATE REGISTRATION ($20.00 FEE) BEGINS SEPTEMBER 4th		
SEPTEMBER 6-7	8:45-11:45	RECKORD ARMORY
WALK IN	1:00-4:15	
SEPTEMBER 10-17	9:00-11:30	1130 MITCHELL BUILDING
WALK IN	1:00-4:00	
NOTE: The University will be closed September 3rd for Labor Day		
WAITLIST CHECK-IN*		
AUGUST 31-SEPTEMBER 7	8:45-11:45, 1:00-4:15	RECKORD ARMORY
SEPTEMBER 10-18	8:45-11:45, 1:00-4:15	1130 MITCHELL BUILDING

*Check your Waitlist form for initial check-in date.

SCHEDULE ADJUSTMENT PERIOD ENDS SEPTEMBER 17, 1990 (4:30 p.m.)

Students who process schedule adjustments during the first five days of classes (the busiest registration days of the semester) can expect to pick up registration appointment tickets at the front of the Armory (August 30th through September 7th).

NOTE: Newly admitted students MUST attend an orientation program, and will register at that time. Call the Orientation Office at 314-8217. Newly admitted students not attending orientation may NOT register until August 29.

Walk-In Registration is available through September 17th. Students who process schedule adjustments during the first five days of classes (the busiest registration days of the semester) can expect to pick up registration appointment tickets at the front of the Armory (August 30th through September 7th).

NOTE: Students on Academic Dismissal or Academic Warning at the end of the Spring 1990 semester are required to meet with an advisor prior to registering. Proof of advising will be required each time a change is made to the student's schedule. Students who do not meet with an advisor will not be allowed to register or make schedule adjustments for the Fall 1990 semester.

REGISTRATION LOCATION

Through August 29 .....Walk-in; 9:00-11:30 a.m., 1:00-4:00 p.m., Room 1130 Mitchell Building
August 30-September 7 .....Reckord Armory, Main Floor
September 10-17 .....Walk-in; Room 1130 Mitchell Building

Please note: The University will be closed September 3, 1990 for Labor Day.

REVIEW COURSE LISTINGS FOR RESTRICTIONS

Some courses are restricted. All course restrictions are indicated with the course in the COURSE LISTING section of this SCHEDULE OF CLASSES. See page 28, HOW TO READ COURSE LISTINGS, for information. Courses with (PermReg) to the left of the course listing indicates permission is required prior to registering for the course. Read the entire course listing for other restrictions. Some courses are open to majors only, others have GPA or cumulative credit requirements. Read course listings carefully to determine if the course is restricted. Students planning to request restricted courses must go to the department offering the course for authorization, unless the course is listed as "Majors Only" and the student is officially listed as a major in that department. (In that case it is not necessary for the student to obtain authorization.) Students should be sure they have authorization prior to their registration appointment time.

OTHER RESTRICTIONS:

1. 19 Credit Limit — To register for more than 19 credits, students must have written approval of their Dean.
2. Undergraduates Requesting Graduate Level Courses — Students must have written approval of their Dean.
3. Time conflicts are not permitted. Exceptions to this policy require written approval of student's Dean.
4. Undergraduates Requesting Pass/Fail Grading Method — Refer to page 21 for Pass/Fail restrictions.
5. A student may register for a course NO MORE THAN TWO TIMES. A course dropped with a "W" notation will count as one of these two registrations. Each time a course is dropped with a "W" notation it will be counted as one of these registrations. Students who would like to register for a course more than two times will require permission from the Dean of their College.

WHAT TO BRING

A. **Undergraduate students readmitted or reinstated for the Fall 1990 semester**
   1. Bring letter of readmission or reinstatement to Registration.
   2. Reinstated students MUST be advised by their Dean or designated representative prior to Registration. Proof of advisement is required. Readmitted students are strongly urged to take advantage of the advisement offered by their college and department prior to Registration.

B. **Undergraduate students newly admitted for Fall 1990 who did not attend an Orientation program may not register until August 29.**
   1. Take your "Offer of Admission" letter to the office of the Dean of your College for advisor assignment.
   2. Report to the assigned advisor for course advisement.
   3. After your "Offer of Admission" letter has been signed by the Dean or a designated representative, report to registration at your appointment time.

COMPLETE REGISTRATION FORM (New Registrants Only) prior to entering the terminal area. Make sure you are eligible for all courses requested. Registration Forms will be available at all College locations, department offices, Reckord Armory, and Mitchell Building.

CHECK CLOSED COURSE LISTINGS at Registration.

PROCEED TO TERMINAL AREA where your registration will be processed. **Students must keep copies of their Schedule Request Form for their records.**

HOW TO PAY YOUR BILL

August 20-29.....Room 1103 Lee Building
August 30-September 7 .....Record Armory or 1103 Lee Building
September 10 and after.....1103 Lee Building

1. Process registration. Bills must be paid in full by 3:00 p.m. of the following business day or registration will be cancelled.
2. Complete the student Bill Form given to you upon entrance to the Bill Paying Area.
4. Go to the Bill Processing Area to get bill added.
4. Make out your check at the Check Writing Tables. **Write student's name and social security number on the front of the check.**
5. Pay the Cashier.
6. A graduate student or part-time undergraduate who returns to add course(s) which result in a net increase to his/her account must pay this amount at the time of registration.

OBTAIN ID CARDS/REGISTRATION CARDS after completing all transactions (see page 15 for ID card/registration card description). Students who need a Photo ID and/or semester registration card must present proof of bill payment at the Registrations Office, First Floor Lobby, Mitchell Building, 8:30 a.m.-4:30 p.m.

PARKING REGISTRATION. See parking registration information on page 7.

Schedule Adjustment Procedures — through September 18th

Walk-In Registration is available through September 17th. Students who process schedule adjustments during the first five days of classes (the busiest registration days of the semester) can expect to pick up registration appointment tickets at the front of the Armory (August 30th through September 7th).

NOTE: Students on Academic Dismissal or Academic Warning at the end of the Spring 1990 semester are required to meet with an advisor prior to registering. Proof of advising will be required each time a change is made to the student's schedule. Students who do not meet with an advisor will not be allowed to register or make schedule adjustments for the Fall 1990 semester.

Schedule Adjustment locations:
Through August 29 — Room 1130 Mitchell Building — Walk-in 9:00-11:30; 1:00-4:00
August 30-September 7 — Reckord Armory, Main Floor
September 10-17 — Room 1130 Mitchell Building — Walk-in.

Please note: The University will be closed September 3, 1990 for Labor Day.

The Schedule Adjustment Period ends September 17, 1990.

A. TO ADD
Complete a Schedule Adjustment Form. Make sure you are eligible for the requested course (check Course Listings for restrictions, pages 28-84. Check Closed Course listings at Registration. Bring Photo I.D. and Registration Card.

B. TO DROP
Complete a Schedule Adjustment Form. Bring Photo I.D. and Registration Card.

C. TO PROCESS
1. SECTION CHANGE
   a. Complete a Schedule Adjustment Form. Bring Photo I.D. and Registration Card.
   b. After September 17, 1990 a Section Change Form should be used. A $4.00 fee will be charged.
2. GRADING OPTION CHANGE/CREDIT LEVEL CHANGE
   a. Complete a Schedule Adjustment Form.

THE ABOVE TRANSACTIONS ARE OFFICIAL ONLY WHEN THE STUDENT RECEIPT HAS BEEN VERIFIED WITH A REGISTRATION STAMP. STUDENTS MUST KEEP COPIES OF THEIR SCHEDULE REQUEST/SCHEDULE ADJUSTMENT FORM FOR THEIR RECORDS.

The forms necessary to complete the above Schedule Adjustments are available at the following locations.

Registration Counter — 1st floor lobby, Mitchell Building; Monday-Friday, 8:30 a.m. to 4:30 p.m.

Registration Center — Room 1130, Mitchell Building; Monday-Friday, 8:30 a.m. to 4:30 p.m.

Reckord Armory — August 30-September 7, 1990 according to published hours above.

BILL PAYMENT PROCEDURES FOR STUDENTS WHO REGISTERED EARLY

Pay bill at the following locations:
August 29 — Rm. 1103 Lee Building
August 30-September 7 — Reckord Armory or Rm. 1103 Lee Building
September 10 and after — Rm. 1103 Lee Building

Instructions:
1. Make any academic schedule adjustments.
2. Go to the Cashiers Window in the Lee Building and make your payment.
3. Any drop/add which results in a net increase for your account must be paid at the time of registration.
4. Any registered student whose bill is to be paid by an outside agency is requested to come to Room 1103, Lee Building with a copy of the Agency Purchase Order prior to Registration to receive contract credit. The cut-off date for acceptance of all contracts is September 4, 1990. The student remains responsible for fees if not paid by sponsor.

Students who registered early received a schedule and bill in the mail which indicated a payment due date. Since the University has no deferred payment plan, PAYMENT IN FULL MUST BE MADE NO LATER THAN THE DATE INDICATED. Students who register after August 17, 1990 must be prepared to pay their bills in full by 3:00 p.m. the following business day or their registration will be cancelled.

For additional information on fees and expenses, refer to page 11.

FINANCIAL AID CHECKS (Perkins Loan, PELL SEOG)
Students may pick up their financial aid checks (after securing at least 12 credits). **ALL STUDENTS MUST MAKE AN APPOINTMENT TO PICK UP A FINANCIAL AID CHECK. APPOINTMENTS CAN BE MADE BY CALLING 405-9025.** All students must present proof of the required credit hours and their photo ID card or driver's license before a check can be disbursed.

Graduate Student Registration Procedures 7

Graduate Students — Summary of Fall Semester 1990 Deadlines

August 10 ..... Last day for mail-in registration

September 3 ..... Labor Day Holiday

September 4 ..... First Day of Classes

September 4 ..... Late Registration Begins through September 17

September 17 ..... Last day to submit applications for the December 1990 Commencement to the Registrations Counter, Mitchell Building

September 24 ..... DOCTORAL STUDENTS: deadline for submitting Nominations of Dissertation Committee form to the Graduate Records Office for December 1990 Commencement

October 15 ..... MASTER'S STUDENTS: deadline for submission of the following materials to the Graduate Records Office for December 1990 Commencement:
— Approved program form
— Nomination of Thesis Committee form

November 12 ..... Last day to adjust schedule

November 28 ..... DOCTORAL STUDENTS: deadline for submission of the following materials to the Graduate Records Office for December 1990 Commencement:
— Two final, acceptable copies of the completed dissertation
— The original signed Report of the Oral Examining Committee
— Survey of Earned Doctorates
— UMI Microfilm Contract
— UMI/UMCP Agreement

December 5 ..... MASTER'S STUDENTS: deadline for submission of the following materials to the Graduate Records Office for December 1990 Commencement:
— The original signed Report of the Oral Examining Committe
— Two final, acceptable copies of the master's thesis OR Certificate of Completion of Master's Degree Without Thesis

December 11 ..... Last day of classes

December 21 ..... COMMENCEMENT

Schedule Adjustment — For Graduate Students who have previously registered for Fall 1990 and wish to drop, add, or change sections, grading method, or credit level, see Registration Dates and Schedule Adjustment Procedures on page 6. Walk-in Regisration is available through September 17th. Students who process schedule adjustments during the first five days of classes (the busiest registration days of the semester) can expect to pick up registration appointment tickets at the front of the Armory (August 30th through September 7th).

For students not yet registered — Any previously admitted, eligible graduate student who has not yet registered for the 1990 Semester, may still do so. Each Department/Program will control the distribution of materials for Graduate Students. Walk-In Registration is available through September 17th. Students who process schedule adjustments during the first five days of classes (the busiest registration days of the semester) can expect to pick up registration appointment tickets at the front of the Armory (August 30th through September 7th).

STEP 1 — Your department/program has indicated their requirements in the Graduate Registration Procedure Chart (see page 8). Review the chart to determine departmental requirements based on status as a newly admitted or returning graduate student. Questions may be addressed to the department/program office or Graduate School 405-4191.
NEWLY ADMITTED: Any student receiving an admission letter from the Graduate School for Fall 1990.
RETURNING STUDENT: Any student admitted to a Graduate program prior to and including Summer 1990, and currently eligible to register.

SEPT 2 — If advising is mandatory, or Orientation is required contact the department for information and advising arrangements. Department will stamp the form if advising is mandatory. Please note that Orientation refers to individual department programs, not the general Graduate Orientation Program.

SEPT 3 — If no advising is required contact your department program office about distribution of the Graduate Schedule Request Form.

SEPT 4 — See individual course listings for restrictions. All course restrictions are indicated with the course in the COURSE LISTING section of this SCHEDULE OF CLASSES. See page 28, HOW TO READ COURSE LISTINGS, for information. Courses with (PermReq) to the left of the course listing indicates permission is required prior to registering for the course. Read the entire course listing for other restrictions. Students requesting Restricted Courses must go to the department offering the course to obtain authorization. If the course is indicated as "Majors Only" and the student is **officially** listed as a major in that department, it is not necessary to obtain an authorization.

STEP 5 — Consult Graduate Registration Procedure Chart to determine where the Graduate Schedule Request Form is to be collected. If the Schedule Request Form is to be returned to the Registrations Office, walk-in Regisration is available through September 17th. Students who process schedule adjustments during the first five days of classes (the busiest registration days of the semester) can expect to pick up registration appointment tickets at the front of the Armory (August 30th through September 7th).

STEP 6 — a. Students who register by July 13, 1990 must pay tuition and fees by August 17, 1990.
b. Students who register between July 16 and August 17 must pay tuition and fees by September 4, 1990.
c. Students who register after August 17 must pay by 3:00 p.m. of the following business day or registration will be cancelled.

The Bursars Office is located in Room 1103 Lee Building. Bills can also be paid in the Reckord Armory August 30-September 7.

STEP 7 — Students who need a Photo ID and/or Semester Registration Card must present proof of bill payment at the Registrations Office, First Floor Lobby, Mitchell Building, 8:30 a.m.-4:30 p.m.

Continuous Registration

(Doctoral Students Only)
Following advancement to candidacy by the Graduate Council for the doctoral degree, every graduate student must register each fall and spring semester until the degree is awarded. Contact the Graduate Records Office for more complete information 405-4204.

Graduate Student Refund Schedule for Dropping Courses

Graduate students are charged by the credit hour. A percentage charge and/or complete charge for the course may be imposed if the deadlines indicated below are not followed.

1. August 31 and earlier (prior to the first day of classes) ..... 100% refund
   There will be no charge for courses *dropped* by this date.
2. September 4-10 (first five days of classes) ..... 80% refund
3. September 11 and after ..... 0% refund
   Students will incur full charge for courses *dropped* during this period.
4. September 18 and after: a $2.00 charge is imposed for *each* drop processed (to be billed).

Students who wish to drop one course and add another at the same credit level must accomplish both transactions on the *same* day to insure additional charges are not imposed.
Refer to Summary of Fall Semester Deadlines for other important dates.

Parking Registration Information

WHO??
All students who plan to attend the University during the Fall 1990 semester and who plan to park a motor vehicle on campus must register with the Department of Campus Parking (DCP) for a parking permit or park at a paid meter. **PLEASE NOTE: FRESHMAN AND SOPHOMORE CAMPUS RESIDENT STUDENTS ARE PROHIBITED FROM REGISTERING FOR A PARKING PERMIT. FOR MORE INFORMATION CONTACT THE DCP OFFICE AT 314-PARK.**

WHEN??
Fall semester parking registration will take place in the Department of Campus Parking (DCP) office. The DCP office is located in Parking Garage 2, Building #202, Regents Drive. Your new hanging permit must be displayed by September 4, 1990.

Date	Time	Location
August 17-31, 1990	8:30 a.m.-4:00 p.m.	Department of Campus Parking Parking Garage 2, Bldg. #202 Regents Drive
September 3, 1990 (Labor Day)	CLOSED	
September 4th and 5th	8:30 a.m.-6:00 p.m.	DCP Office
September 6th and later	8:30 a.m.-4:00 p.m.	DCP Office

HOW??

1. **BRING YOUR STUDENT I.D. CARD**
2. **Pick up the complete UMCP-DCP Application for Student Parking Registration. The student parking registration fee is $75.00 for campus resident students and $40.00 for commuter students. *(Fees are subject to change.)* Check, cash, or credit card (Mastercard or VISA) payment is required.**
3. **You will receive a hanging permit and Informational Parking Guide.**

Handicapped Parking

All persons associated with the University (including those displaying a State handicapped permit or tag) must purchase and display a UMCP-DCP hanging permit for the current year. At the time of registration, the person must submit a copy of **their approved** State of Maryland Disabled Person's Parking Permit application. Upon issuance of the UMCP-DCP hanging permit, an additional UMCP-DCP handicapped permit will be issued at no charge. The UMCP-DCP permits must be used in conjunction with the State Handicapped permit or tag in order to use handicapped spaces, unpaid parking meters or any ungated parking lot on campus.

Only persons for whom the handicapped privileges are extended are authorized to park in these special parking areas. Family members driving these vehicles must utilize their assigned parking lot(s).

Questions regarding parking registration should be referred to the Department of Campus Parking, 314-PARK.

IMPORTANT NOTICE
The Department of Campus Parking is anticipating congested parking conditions during the Fall 1990 semester. During the first month of classes, parking will be especially difficult and you may find yourself parking in an inconvenient overflow area. As your schedule allows, the earlier you arrive on campus the better chance you have to find a more convenient parking place. Our experience tells us that "hunting" in a full parking lot is less effective then driving directly to our overflow lot and walking from there.

Temporary overflow parking is currently being arranged. The location of these parking lots will be announced in the *Diamondback*. Parking lot attendants will also assist in directing you to these parking areas.

Bicycles and Mopeds

Bicycles and mopeds need not be registered, but should be parked in bicycle racks provided on campus. Securing or parking a bicycle or moped in any manner which would obstruct vehicles or pedestrians is prohibited. Bicycles or mopeds parked in violation will be subject to impoundment.

A bicycle or moped locked to any part on either side of the railing of an access ramp could make entering or exiting the building difficult or impossible for a person with a disability. The lock, the handlebars, the seat, the wheels — anything — could cause an obstruction at exactly the place a person needs to use the railing for its intended purpose. Bicycles or mopeds that obstruct an access ramp that is part of an exit are in violation of the Maryland Fire Prevention Code and subject to impoundment.

Waitlist Information — see chart on page 6 for dates and locations

A waitlist is a sequential file of students, in "first come, first served" order of their requests, who are waiting to get into a closed course should a seat open at some future time. Not all courses have waitlists; it is up to the department to offer the waitlist option.

Being placed on a waitlist is not a guarantee that the student will receive the course. A student may not waitlist a section of a course if that student is currently registered for another section of the same course.

When waitlisting a course, the student should have other options in case no seats become available in the desired course. Students who decide to waitlist a closed course may select up to six sections. No priority is assigned to these sections. Therefore, students are strongly urged not to waitlist a section which will conflict with existing scheduled courses.

Students may sign up for a waitlist during early registration or schedule adjustment. A form will be issued at this time. Please read this form carefully for detailed waitlist check-in instructions.

Graduate Registration Procedure Chart

DEPARTMENT/PROGRAM	LOCATION	STUDENT STATUS			
		Newly Admitted Students		Returning Students	
		Advising	Return completed Forms to:	Advising	Return completed Forms to:
ADVP Animal Sciences	4149 Animal Sci Center	Mandatory	Registrations Office	Mandatory	Registrations Office
AEED Agricultural & Extension Education	0200 Symons Hall	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
AGRO Agronomy	1109 H. J. Patterson	Mandatory	Registrations Office	Mandatory	Registrations Office
AMST American Studies	2140 Taliaferro	Mandatory	Registrations Office	Optional	Registrations Office
ANTH Anthropology	1115 Woods Hall	Mandatory	Department	Mandatory	Department
ARCH Architecture	1298 Architecture	Mandatory	Registrations Office	Optional	Registrations Office
AREC Agricultural & Resource Economics	2210 Symons Hall	Mandatory	Registrations Office	Mandatory	Registrations Office
ARTH Art History	1211 Art/Socy	Mandatory	Registrations Office	Mandatory	Registrations Office
ARTT Art Studio	1211 Art/Socy	Optional	Registrations Office	Optional	Registrations Office
ASTR Astronomy	1205 Space Sci	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
BCHM Biochemistry	1320 Chemistry	at Orientation	at Orientation	Mandatory	Department
BMGT/MBA/MS Business and Management	3104 Tydings Phd: 0139 Tydings	MBA: permission of Director MS: see faculty advisor or Director PhD: at Orientation		MBA: Optional MS: Optional PhD: Optional	Department Department Department
BMPM Business/Public Affairs	See BMGT and MAPM	N/A	N/A	N/A	N/A
BOTN Botany	1223 H.J. Patterson	at Orientation	Registrations Office	Optional	Registrations Office
CHEM Chemistry	1320 Chemistry	at Orientation	at Orientation	Mandatory	Department
CHPH Chemical Physics	1126 Physics Bldg.	Optional	Registrations Office	Optional	Registrations Office
CLAS Classics	4220 Jimenez	Mandatory	Registrations Office	Optional	Registrations Office
CMLT Comparative Literature	4220 Jimenez	Mandatory	Registrations Office	Mandatory	Registrations Office
CMPL Community Planning	1113 LeFrak Hall	Mandatory	Registrations Office	Mandatory	Registrations Office
CMSC Computer Science	1119 A. V. Williams	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
CRIM Criminal Justice & Criminology	2220 LeFrak Hall	at Orientation	at Orientation	Optional	Registrations Office
CRWR Creative Writing	1141 Taliaferro	Optional	Registrations Office	Optional	Registrations Office
DANC Dance	1116 Temp. Bldg. EE	Mandatory	Registrations Office	Mandatory	Registrations Office
ECON Economics	3115L Tydings	Mandatory	Department	Optional except 799/899	Department
EDCI Curriculum and Instruction	2311 H.R. Benjamin	Mandatory	Registrations Office	Optional	Registrations Office
EDCP Counseling and Personnel Services	3214 H. R. Benjamin	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
EDHD Human Development	3304 H. R. Benjamin	Mandatory	Registrations Office	Optional	Registrations Office
EDIT Industrial, Technological and Occupational Education	3216 J. M. Patterson	Mandatory	Registrations Office	Mandatory	Registrations Office
EDMS Measurement, Statistics and Evaluation	4107 H. R. Benjamin	Optional	Registrations Office	Optional	Registrations Office
EDPA Policy, Planning and Administration	2110 H. R. Benjamin	Optional	Registrations Office	Optional	Registrations Office
EDSP Special Education	1304 H. R. Benjamin	Mandatory	Registrations Office	Optional	Registrations Office
ENAE Aerospace Engineering	0151 Engr Classroom Bldg	Mandatory	Department	Mandatory	Registrations Office
ENAG Agricultural Engineering	1130 Shriver Lab	Mandatory	Registrations Office	Mandatory	Registrations Office
ENCE Civil Engineering	1179 Engr Classroom Bldg	Optional	Registrations Office	Optional	Registrations Office
ENCH Chemical Engineering	2115 Chem Engr Bldg	Mandatory	Department	Mandatory	Department
ENEE Electrical Engineering	3181 Engr Classroom Bldg	Optional	Registrations Office	Optional	Registrations Office
ENFP Fire Protection Engineering	0147 Engr Classrom Bldg	Mandatory	Department	Mandatory	Department
ENGL English	1141 Taliaferro	Optional	Registrations Office	Optional	Registrations Office
ENMA Engineering Materials	2115 Chem Engr Bldg	Mandatory	Department	Mandatory	Department
ENME Mechanical Engineering	2166 Engr Classroom Bldg	Mandatory	Registrations Office	Mandatory	Registrations Office
ENNU Nuclear Engineering	2309 Chem Engr Bldg	Optional	Registrations Office	Optional	Registrations Office
ENRE Reliability Engineering	2309 Engr Classroom Bldg	Optional	Registrations Office	Optional	Registrations Office
ENSE Systems Engineering	2101 A.V. Williams Bldg	Mandatory	Registrations Office	Mandatory	Registrations Office
ENTM Entomology	1300 Symons Hall	Mandatory	Registrations Office	Mandatory	Registrations Office
FDSC Food Service	1122A Holzapfel	Mandatory	Registrations Office	Mandatory	Registrations Office
FMCD Family and Community Development	1204 Marie Mount	Optional	Registrations Office	Optional	Registrations Office
FRIT French Language and Literature	3106D Jimenez	Mandatory	Registrations Office	Mandatory	Registrations Office
GEOG Geography	1163 LeFrak Hall	Mandatory	Registrations Office	Mandatory	Registrations Office
GELS Geography and Library Science	See GEOG & LBSC	N/A	N/A	N/A	N/A
GEOL Geology	1115 Geology Bldg	Mandatory	Registrations Office	Mandatory	Registrations Office
GERS Germanic Language and Literature	3215 Jimenez	Mandatory	Registrations Office	Mandatory	Registrations Office
GRAD Advanced Special Student	2117 South Admin	Not Required	Registrations Office	Not Required	Registrations Office
GVPT Government & Politics	2181 LeFrak Hall	at Orientation	at Orientation	Optional	Registrations Office
HESP Hearing and Speech Sciences	0100 LeFrak Hall	Mandatory	Registrations Office	Mandatory	Registrations Office
HILS History/Library and Information Services	see LBSC	N/A	N/A	N/A	N/A
HIST History	2117 Francis Scott Key	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
HLTH Health Education	2387 HLHP Bldg	at Orientation	at Orientation	Optional	Registrations Office
HNFS Human Nutrition and Food Systems	3304 Marie Mount	Mandatory	Department	Mandatory (except 799/899)	Registrations Office
HORT Horticulture	1122 Holzapfel	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
JOUR Journalism	2109 Journalism	Mandatory	Registrations Office	Mandatory	Registrations Office
KNES Kinesiology	2351 HLHP Bldg	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
LBSC Library and Information Services	4110 Hornbake	Mandatory	Department	Mandatory	Department
LING Linguistics	1107 Mill Bldg	Mandatory	Registrations Office	Optional	Registrations Office
LMBA Business Law Combined	3104 Tydings	see admit letter		Mandatory	Department
LMPM Public Management Law Combined	See MAPM	N/A	N/A	N/A	N/A
MAPL Applied Mathematics	1112 Math Building	by appointment	at appointment	Optional	Department
MAPM Public Management	3104 Tydings Hall	Mandatory	Department	Mandatory	Registrations Office
MAPP Public Policy	1218 LeFrak Hall	Mandatory	Department	Mandatory	Registrations Office
MATH Mathematics	1112 Math Building	by appointment or at GA Orient	at appointment or Orientation	Optional	Department
MEES Marine-Estuarine-Environmental Sciences	0313 Symons Hall	Mandatory	Registrations Office	Mandatory	Registrations Office
METO Meteorology	2207 Space Sci	at Orientation	Registrations Office	Mandatory except 799/899	Registrations Office
MFAT Master of Fine Arts	See CMRT	N/A	N/A	N/A	N/A
MICB Microbiology	2131 Skinner	Mandatory	Registrations Office	Mandatory	Registrations Office
MOCB Molecular and Cellular Biology	2504 Chemistry Building	Mandatory	Registrations Office	Mandatory	Registrations Office
MUSC Music	2110 Tawes	Mandatory	Registrations Office	Mandatory	Registrations Office
NUSC Nutritional Sciences	2145 Animal Science	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
PCOM Public Communication	2109 Journalism	Optional	Registrations Office	Optional	Registrations Office
PHIL Philosophy	1131 Skinner	Mandatory	Registrations Office	Mandatory	Registrations Office
PHYS Physics	1120 Physics Bldg	Mandatory	Department	Mandatory except 799/899	Registrations Office
POSI Policy Studies	1212 LeFrak Hall	Mandatory	Department	Mandatory	Registrations Office
POUL Poultry Science	3129 Animal Sci Center	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
PSYC Psychology	1147 Zoo Psyc Bldg	Mandatory	Department	Mandatory	Department
RECR Recreation	2367 HLHP Bldg	Mandatory	Department	Mandatory	Department
RTVF Radio-Television-Film	0123 Tawes	Mandatory	Registrations Office	Mandatory	Registrations Office
RUSS Russian	3215 Jimenez	Mandatory	Registrations Office	Mandatory	Registrations Office
SOCY Sociology	2108 Art/Socy Bldg	Mandatory except 799/899	Department	Mandatory except 799/8/99	Department
SPAP Spanish Language and Literature	2215 Jimenez	Mandatory	Registrations Office	Mandatory	Registrations Office
SPCM Speech Communication	0148A Tawes	Mandatory	Registrations Office	Mandatory	Registrations Office
STAT Mathematical Statistics	1112 Math Bldg	Mandatory at appointment or at GA Orient	at appointment or Orientation	Mandatory	Department
THET Theatre	0240 Tawes	Mandatory	Registrations Office	Mandatory	Registrations Office
TOXI Toxicology	0313 Symons Hall	Mandatory	Registrations Office	Mandatory	Registrations Office
TXCE Textile and Consumer Economics	2100 Marie Mount	Mandatory	Registrations Office	Mandatory except 799/899	Registrations Office
URBS Urban Studies	1113 LeFrak Hall	Mandatory	Registrations Office	Mandatory	Registrations Office
ZOOL Zoology	3210 Zoo/Psyc Bldg	Mandatory	Registrations Office	Optional	Registrations Office
INTERCAMPUS ENROLLMENT PROGRAM: UMAB. UMBC. UMES. UMUC			Graduate School at Host Campus		Graduate School at Host Campus
Intercampus Student	2125 South Admin	at Home Campus	Intercamp Form **MUST** be attached	at Home Campus	Intercamp Form **MUST** be attached

Attention Thesis and Dissertation Students

The Office of Graduate Studies and Research has prepared a handbook to assist graduate students in the preparation of master's theses and doctoral dissertations. The handbook is available in the Graduate Records Office, 2117 Lee Building. All graduate students preparing a thesis or a dissertation are required to follow the format requirements outlined in this booklet. Comments and suggestions for improving the presentation of the guidelines are welcome and encouraged.

As of July 1, 1987, the Office of Graduate Studies and Research instituted a formal thesis and dissertation format review procedure. All graduate students writing a thesis or dissertation are required to have that thesis or dissertation inspected and approved by the Graduate Student Affairs Office. Theses and dissertations which do not meet the expected minimum standards, as outlined in the handbook, will not be accepted, thus graduation may be delayed. Details about these requiements may be obtained in the Graduate Records Office, 2117 Lee Building.

Remission of Tuition for Faculty and Staff

Every semester an approved Authorization for Remission of Tuition form must be turned in to the College Park Personnel Services Office (Room 1129, Lee Building) in order to receive credit on the student bill for courses taken by faculty and staff members. Usually the authorizing department will forward this form directly to the Personnel Services Office. Each faculty and staff member should check with his/her department to ascertain that the proper forms have been submitted.

Tuition waiver forms for students who registered early must be RECEIVED by the campus personnel office before August 17, 1990. Students who register after August 17, 1990 must submit the Tuition Waiver Form and settle their account in full by 3:00 p.m. the following business day. ALL FORMS MUST BE SUBMITTED NO LATER THAN AUGUST 31, 1990.

Published deadlines and procedures for admission, readmission or reinstatement and registration apply to University faculty and staff who wish to take courses.

Questions regarding admission? Contact admissions Office, 314-8385.

Questions regarding registation? Contact Registrations Office, 314-8240.

Questions regarding employee remission of tuition?
Contact Staff Benefits Office, 405-5654.

Teacher's Registration

WHO?

Teachers who have previously been admitted to the University of Maryland College Park Campus, either graduate or undergraduate, and who were not enrolled for Spring 1990.

Undergraduate Students — Apply for readmission at the Office of Undergraduate Admissions, lower level, Mitchell Building 314-8382 where a registration form will be issued. See page 6 for Fall 1990 registration procedures.

Graduate Students — Check with Graduate School, Room 2125 Lee Building, 405-4191, to determine eligibility. See page 7 for Fall 1990 registration procedures for all Graduate Students.

UNDERGRADUATE STUDENTS WITH QUESTIONS CONCERNING TEACHER REGISTRATION SHOULD CALL 405-2350. GRADUATE STUDENTS WITH QUESTIONS CONCERNING TEACHER REGISTRATION SHOULD CALL 405-2353.

Faculty-Staff Registration Procedures

Faculty and Staff who wish to register for courses must be admitted to the University as an undergraduate or graduate student prior to registration. Follow the steps listed below.

STEP 1 — Contact department representative responsible for processing Remission of Tuition forms. Complete the forms and make sure that they are forwarded to the Personnel Office, Room 1129 Lee Building, 405-5654.

DEADLINE TO SUBMIT REMISSION OF TUITION FORM FOR FALL 1990
Early Registrants — before August 17, 1990
Students who register after August 17 — Remission of Tuition form must be submitted by 3:00 p.m. of the following business day.
All forms must be submitted by August 31, 1990

STEP 2 — Contact appropriate admissions office:
Undergraduate — Mitchell Building (Basement) 314-8385
Graduate — Lee Building (Second Floor), 405-4198
Non-degree seeking faculty — Contact Jane Graham, 1118 Mitchell Building, 314-8239
(Registraion is on a space available basis.)

STEP 3 — Follow appropriate Registration Procedures:
For Undergraduate students see page 6.
For Graduate students see page 7.

FACULTY/STAFF ARE ENCOURAGED TO REGISTER AS EARLY AS POSSIBLE.

The Consortium of Universities of the Washington Metropolitan Area

The consortium of Universities of the Washington Metropolitan Area consists of American University, The Catholic University of America, Gallaudet University, George Mason University, George Washington University, Georgetown University, Howard University, Marymount University, Mt. Vernon College, Trinity College, University of the District of Columbia, and the University of Maryland at College Park. Students enrolled in these institutions are able to attend certain classes at other campuses and have the credit considered "residence" credit at their own institution. Payment of tuition for courses will be made at the student's home campus. Any eligible degree seeking graduates and undergraduates may participate in this program according to the following stipulations:

a. Golden ID students are not eligible to enroll in courses through the Washington Area Consortium with waiver of fees.
b. Neither the faculty and staff tuition remission program (this includes assistantships, fellowships, etc.) nor the partial tuition waiver program for spouses and dependents of University of Maryland employees may be used for courses taken through the Washington Area Consortium.

Students whose fees are remitted through these programs and who are interested in enrolling in courses at Consortium schools will be expected to pay for the course or courses at the appropriate College Park credit hour rate for the semester in which they enroll.

A. Procedure for UMCP Students

Eligible Graduate Students

1. Must be degree seeking.
2. Need approval of the Departmental Director of Graduate Studies.
3. No more than 25% of course credits may be taken at other consortium schools.
4. Practica, internships, workshops and similar experimental learning courses cannot be taken at other consortium schools.
5. **Comparable courses offered at UMCP may not be taken through the Consortium.**

Eligible Undergraduate Students

1. Must be degree seeking.
2. Must have junior standing (56 credits). An exception to this policy is approval for courses in Army and Navy ROTC programs.
3. Need prior written approval of the following:
   a. The student's major department.
   b. The comparable UMCP department if the course is outside the major department.
   c. The student's Dean.
4. Practica, internships, workshops and similar experimental learning courses cannot be taken at other consortium schools.
5. **Comparable courses offered at UMCP may not be taken through the Consortium.** The intention is to allow students to take an occasional course to augment a program rather than to develop an individual program.

Registration for UMCP Students

1. Contact the department offering the course at the institution to be visited. This will determine if the course is open to consortium students and if there are any special conditions, i.e., prerequisites, special fees. Special fees must be paid directly to the visited institution.
2. Contact the consortium coordinator in the UMCP Registration Office, to obtain the "Permission to Enroll in the Consortium Program" form. (Complete one form for each institution at which you wish to take courses.)
3. Acquire appropriate approvals and signatures on the "Permission to Enroll in the Consortium" form and return to the UMCP consortium coordinator. **Permission will not be granted if a comparable course is offered at UMCP.**
4. Pass/Fail or audit grading options are not permitted for consortium courses.
5. A Consortium Registration Form will be filled out with the consortium coordinator.
6. A copy of this form will be used as an identification card at the visited institution.
7. Show identification card (registration form copy) to the instructor of the course to confirm enrollment, but keep the card.
8. If the course is cancelled or if you change or drop the course, immediately contact the consortium coordinator at UMCP.
9. UMCP course change deadlines apply for students visiting other consortium institutions.
10. Grades earned by College Park students at other Consortium institutions in courses taken through the Consortium arrangement will be converted into the College Park grading system. These grades are used in the calculation of the cumulative grade point average.

NOTE: Consortium courses will be included in the semester credit load of 12 hours for financial aid purposes.

Only the following George Washington University, NROTC courses will apply to UMCP degrees.

NS 051 Introduction to Naval Science (2 credits)
NS 126 Seapower in Maritime Affairs (3)
*NS 150 Navigation (3)
NS 160 Evolution of Warfare (3)
NS 175 Leadership and Management I (3)
NS 176 Leadership and Management II (2)

*Prior to Fall 1987 NS150 — Navigation is not applicable for UMCP degree programs.

B. Procedure for Visiting Students

Students from other consortium schools may register for University of Maryland, College Park courses on a space available basis beginning with the first day of classes, September 4, 1990 for the Fall 1990 semester. Visiting consortium students are not eligible to register for Instructional Television courses or professional education courses.

Students will be expected to meet all prerequisites of UMCP courses. Also, prior approval will be required for courses restricted to specific UMCP majors and permission only courses. See individual course listings in this SCHEDULE for course restriction information. Also, see page 28, "How to Read Course Listings.' **Visiting students must register at both their home campus and at UMCP.**

1. **Contact the UMCP consortium coordinator on 314-8239.**
2. **Fill out UMCP Schedule Request form with requested courses.**
3. **A visiting student cannot audit any UMCP courses.**
4. **Present to the UMCP coordinator the third copy of the Consortium Registration Form completed by your home campus.**
5. **The coordinator will officially register you for the UMCP courses. Please keep copies of the Schedule Request/Schedule Adjustment form for your records.**
6. **If the course is cancelled or if you change or drop the course, immediately contact the consortium coordinator at the visiting campus and your home campus.**

Dates Classes Begin for Consortium Schools

American University	September 4
Catholic University	August 29
Gallaudet University	September 4
George Mason University	August 27
George Washington University	September 4
Georgetown University	August 29
Howard University	August 27
Marymount University	September 7
Mount Vernon College	August 27
Trinity College	August 29
University of the District of Columbia	August 27
University of Maryland, College Park	September 4

Deadlines

Summary of Fall Semester 1990 Deadlines

Type of Change	Last Day to Process Change
ADD A COURSE	September 17
CANCEL REGISTRATION for Fall 1990	August 31
CANCEL RESIDENT LIFE (ON-CAMPUS) HOUSING/DINING SERVICES without financial obligation	July 10
CHANGE FROM FULL-TIME TO PART-TIME (Undergraduates) for billing purposes	see Penalties for Drops on this page
change CREDIT LEVEL	September 17
DIPLOMA APPLICATION for December 1990 Graduation (and diploma dated December 1990)	September 17
DROP A COURSE — UNDERGRADUATE STUDENT (For billing purposes students maintaining full-time status **ONLY**)	
* without "W" mark	September 17
with "W" mark (4 credit drop limit) ($2.00 fee)	November 12
DROP A COURSE WITH REFUND (Graduate Students & Part-time Undergraduates only)	See Penalties for Drops on this page
change GRADING OPTION	September 17
GRADUATE MAIL-IN REGISTRATION	August 10
GRADUATE STUDENTS — LAST DAY TO ADJUST SCHEDULE (Graduate student does not receive a "W") ($2.00 fee for each drop or add September 18-November 12)	November 12
process a LATE REGISTRATION	September 17
LAST DAY TO WITHDRAW FROM ALL COURSES	
WITHDRAW WITH 100% REFUND (CANCEL)	August 31
WITHDRAW WITH 80% REFUND	September 17
WITHDRAW WITH 60% REFUND	September 24
WITHDRAW WITH 40% REFUND	October 1
WITHDRAW WITH 20% REFUND	October 8
WITHDRAW WITH 0% REFUND	December 11

GO TO ROOM 1101 MITCHELL BLDG. TO PROCESS A WITHDRAWAL. SEE PAGE 12 FOR WITHDRAWAL INFORMATION.

SCHEDULE ADJUSTMENT PERIOD ENDS AT 4:30 P.M., SEPTEMBER 17, 1990

*A 'W' is used to indicate withdrawal from a course in which the student was enrolled at the end of the Schedule Adjustment Period. This mark is NOT used in any computation of quality points or cumulative average totals at the end of the semester.

Cancellation of Registration

Students who register and later decide not to attend the University must **CANCEL** their registration **BY AUGUST 31, 1990**. Failure to cancel registration will result in financial obligation to the University even though the student does not attend class.

To Cancel Your Registration on or before August 31, 1990:

1. Your cancellation request must be received in writing by:
   Office of Registration—Rm. 1130
   Mitchell Building, University of Maryland
   College Park, Maryland 20742
   Since the University can honor only those requests for cancellation which are actually received by August 31, 1990 requests should be sent by Registered Mail. PLEASE INCLUDE STUDENT'S SOCIAL SECURITY NUMBER ON ALL CORRESPONDENCE.
2. For additional information concerning cancellation call the Registrations Office, **314-8218.**
3. Cancellation of Housing and Dining Services is a separate process. See page 12 for information.

Penalties for Drops During Schedule Adjustment

Full-time undergraduate students do not receive a refund for courses dropped if the total number of credits for which they are registered remains 9 or more.

PRIOR TO THE FIRST DAY OF CLASSES, AUGUST 31, 1990 OR EARLIER, if a full-time undergraduate student drops a course or courses, thereby changing the total number of credits for which the student is registered to *8 or less*, charges for the semester will be assessed on the basis of the per credit hour fee for part-time students. However, if the student later adds a course or courses, thereby changing the total number of credits for which the student is registered to *9 or more*, the student will be billed for the difference between per credit hour fees paid and the general fees for full-time undergraduates.

If during the FIRST FIVE DAYS OF CLASSES, SEPTEMBER 4-10, a full-time undergraduate drops a course or courses thereby changing the total number of credits for which he/she is registered to eight or less, charges for the semester will be assessed on the basis of part-time charges plus 20% of the difference between the full-time fees and appropriate part-time charges. **After the first five days of classes, there is no refund for changing from full-time to part-time status.**

SEPTEMBER 18 AND AFTER — $2.00 fee is assessed for *each drop* processed (to be billed). This applies to both graduate and undergraduate students.

Refund Schedule for Dropping Courses
Graduate Students and Part-Time Undergraduates

Both graduate students and part-time undergraduates are charged by the credit hour. A percentage charge and/or complete charge for the course may be imposed if the deadlines indicated below are not followed.

1. August 31 or earlier (prior to the first day of classes) ..... 100% refund
   There will be no charge for courses *dropped* prior to this date.
2. September 4-10 (first five days of classes) ..... 80% refund
   There will be a 20% charge imposed for courses *dropped* during this period.
3. September 11 and after ..... 0% refund
   Student will incur full charge for courses *dropped* during this period.
4. September 18 and after: a $2.00 charge is imposed for *each* drop processed (to be billed).

Students who wish to drop one course and add another at the same credit level must accomplish both transactions on the *same* day to insure additional charges are not imposed.

Refunds for Special Courses

CHEM 001, COOP 098/099, ENGL 001, MATH 001, MATH 002 — Refunds: A part-time or full-time undergraduate who drops MATH 001, MATH 002, ENGL 001, or CHEM 001 will receive an 80% refund of the special fee if the course is dropped during the first five (5) days of classes and 0% thereafter. MATH 001, MATH 002, ENGL 001, or CHEM 001 will still be counted in the determination of hours for full-time or part-time status, notwithstanding the refund policy.

A part-time or full-time undergraduate student who drops COOP 098/099, or ENCO 098/099 will receive an 80% refund of the fee if the course is dropped during the first five (5) days of classes and 0% thereafter.

Candidates for December 1990 Graduation

Deadline to apply for a diploma dated December 1990 ..... September 17, 1990

Both graduate students and undergraduate students must file an application for a diploma dated December 1990 in the Registration Office by September 17, 1990. Applications are available at the Registration Office Counter, 1st Floor Lobby, Mitchell Building, 8:30 a.m. to 4:30 p.m., Monday through Friday.

Check Financial Information section for listing of application fees. Diploma application fees are due payable when billed.

Reclassification to In-State Status

If you wish to challenge your out-of-state classification you may do so by filing a timely petition for In-State Status *(Petition)*. The deadline for meeting all requirements for in-state status and for submitting a *Petition* and supporting documentation is the last day of late registration for the semester you wish to be classified as an in-state student.

Deadlines

Fall 1990 ..... September 17, 1990

It is imperative that students who wish to request a review of their eligibility for an in-state classification submit the required documents to the appropriate office as soon as possible. The volume of requests for reclassification may necessitate a delay in completing the review process. It is hoped that a decision in each case will be made within ninety (90) days of receipt of a *Petition* and all necessary documentation. During this period of time, or any further period of time required by the University, fees and charges based on the previous out-of-state determination must be paid. If the determination is changed, any excess out-of-state charges will be refunded. It is to your advantage to apply early. Late *Petitions* will not be accepted.

Petitions for review of eligibility, related documentation and questions concerning the policy of the University of Maryland for the determination of in-state status should be directed to the following office:

Campus Classification Office
Room 0405B
Marie Mount Hall
405-2029

Financial Information 11

Tuition, Fees and Other Expenses

ALL STUDENTS WHO REGISTER FOR THE FALL SEMESTER INCUR A FINANCIAL OBLIGATION TO THE UNIVERSITY. Financial policy and fees are set by the University with the approval of the Board of Regents. The University of Maryland does not have a deferred payment plan.

It is the policy of the University *not* to defer payment of fees on the basis of a pending application for financial assistance to an outside agency. This includes Veterans Administration, banks, Stafford student loan programs, etc.

Returning students will not be permitted to complete registration until all financial obligations to the University including current semester fees, library fines, parking violation assessments and other penalty fees and the service charges are paid in full. If a student registers without proper financial clearance from the Office of the Bursar, his/her registration will be cancelled without further notice. If a student becomes financially ineligible after registering, his/her registration will be cancelled unless and until his/her account balance is paid in full by a prescribed date.

PLEASE NOTE: PAYMENTS FOR STUDENT ACCOUNTS MAY BE MADE BY VISA OR MASTERCARD. CREDIT CARD PAYMENTS MAY BE MADE IN PERSON OR BY MAIL. HOWEVER, PHONE-IN PAYMENTS WILL *NOT* BE ACCEPTED THIS SEMESTER.

Although the University regulary mails bills to students, it cannot assume responsibility for their receipt. Students are urged to obtain a copy of their financial account in Room 1103 of the Lee Building if they are not certain their account is paid in full. This office is open from 8:30 a.m. to 4:15 p.m. Monday through Friday. Students may also obtain their account balance by phoning 405-9041.

CHARGES INCURRED DURING THE SEMESTER ARE PAYABLE IMMEDIATELY.

A student who wishes to dispute a specific item on their bill must contact the appropriate University department that initiated the charge to discuss the nature of the adjustment, if any, or the appropriateness of the bill. If, after discussing the bill with the originating department, a student still wishes to dispute the charge, any appeal must be made in writing. It is emphasized that any portion of the bill *not* in dispute must be paid in accordance with the due date on the bill.

All checks or money orders should be made payable to the University of Maryland for the exact amount due. The student's social security number must be written on the check.

Students will be severed from University services for delinquent indebtedness to the University which occurs or is discovered during a semester. In the event that severance occurs, the individual may make payment during the semester in which services were severed and all these services except housing will be restored. For a student who lives in on-campus residence halls, and who fails to fully resolve any outstanding balance, the severance of housing services means that (1) the student must leave residence halls, (2) the student's room is assigned to another student, and (3) the severed student may reapply for housing services, if the account is later satisfactorily resolved and other University services are restored, and be placed last on a waiting list for available on-campus housing spaces. Students who are severed from university services and who fail to pay the indebtedness during the semester in which severance occurs will be ineligible to register for subsequent semesters until the debt is cleared. In the event of actual registration in a later semester by a severed student who had not settled the student account prior to that semester, such registration will be cancelled and no credit will be earned for the semester. For a student who is on board and who fails to resolve any outstanding balance, the severance of Dining Services means that the student will not be served meals until their student account is paid in full.

Late Payment Fee: Students who fail to pay the balance due on their accounts are subject to a late fee of 5% of the outstanding balance or $5.00, whichever is greater.

Severance Fee: $25.00. Students who fail to pay the balance due on their accounts will have their University services severed and the $25.00 severance fee added to their account. In order to have the services restored, the student's account must be settled in full.

The state has established, under legislative mandate, a CENTRAL COLLECTIONS UNIT within the Department of Budget and Fiscal Planning. This campus has been instructed that all delinquent accounts must be transferred to the State Collections Unit.

ALL ACCOUNTS DUE FROM STUDENTS, FACULTY, STAFF, NON-STUDENTS, ETC. ARE INCLUDED WITHIN THESE GUIDELINES.

Collection Costs: incurred in collecting delinquent accounts will be charged to the student. The University is required by State law to refer past due accounts to the State Central Collections Unit. The minimum collection fee is 15% plus any attorney and/or court costs. This collection fee is separate and distinct from any late payment fee the student may already have incurred and will not be reduced or offset by the amount of that late payment fee.

NOTE: STATE CENTRAL COLLECTIONS UNIT IS AUTHORIZED BY STATE LAW TO USE AN INDIVIDUAL'S STATE INCOME TAX REFUND AS AN OFFSET TO PAY INDEBTEDNESS TO THE STATE OF MARYLAND.

NO DEGREE WILL BE CONFERRED, NOR ANY DIPLOMA, CERTIFICATE, OR TRANSCRIPT OF RECORD ISSUED TO A STUDENT WHO HAS NOT MADE SATISFACTORY SETTLEMENT OF HIS OR HER ACCOUNT.

Mandatory Fees

The Auxiliary Facilities Fee: Refundable upon withdrawal. $23.00 — Charged to all Full-Time Undergraduates. Part-Time Undergraduates and all Graduate students are charged a fee of $8.50. The Auxiliary Facilities Fee is paid into a fund which is used for capital improvement, expansion and construction of various campus facilities such as open recreation areas (tennis courts, basketball courts, etc.), transportation alternatives (shuttle busses), and The Stamp Union Building. These capital projects are not funded or are funded only in part from other sources.

The Student Activities Fee: Refundable upon withdrawal. $18.50 — Charged to all Full-Time undergraduates. Part-Time Undergraduates are charged a fee of $10.00. Graduate students are charged a fee of $1.00. The Student Activities Fee is charged at the request of the Student Government Association and is used to provide for student activities, student publications, and cultural programs.

The Athletic Fee: Refundable upon withdrawal. $59.50 — Charged to all Full-Time Undergraduates. Part-Time Undergraduates and all Graduate Students are charged a fee of $15.50. The Athletic Fee is charged for the support of the Department of Intercollegiate Athletics. All students are encouraged to participate in all of the activities of this department or to attend the contests if they do not participate.

The Student Health Fee: Refundable upon withdrawal. $22.00. — Charged to all Full-Time Undergraduates and Graduate Students. All Part-Time Undergraduate and Graduate Students are charged a fee of $14.00. The Student Health Fee is charged for the support of the Health Service Facility. Charges for special services (X-rays, prescription, etc.) are due **when received**.

The Shuttle Bus Fee: Refundable upon withdrawal. $22.00 — Charged to all Full-Time Undergraduates and Graduate Students. All Part-Time Undergraduate and Graduate Students are charged a fee of $12.00. The Shuttle Bus Fee is charged for the support of the Shuttle Bus Transportation System.

The Stamp Union and Recreational Fee: Refundable upon withdrawal. $58.50 — Charged to all Full-Time Undergraduate and Graduate Students. All Part-Time Undergraduate and Graduate Students are charged a fee of $30.00. The Stamp Union and Recreational Fee is paid into a fund which will be used to expand recreational facilities and Stamp Union Services.

The Registration Fee: Non-refundable. $5.00 — The Registration Fee is charged to all registrants each semester.

Other Fees

Payment of Fees: All checks, money orders or postal notes should be made payable to the University of Maryland and mailed or delivered to: Office of Bursar, University of Maryland, College Park, MD 20742. The student's social security number must be written on the front of the check.

Undergraduate Application Fee: $26 — Charged to all new Undergraduate Applicants who have previously enrolled with the University of Maryland at College Park, University College, Baltimore County or at an off-campus center will not be required to pay the fee.

Graduate Application Fee: $26.00 required of all students.

Pre-College Orientation Program Registration Fee: $78.00 (two day program) $27.00 (one parent)
$54.00 (one day program) $54.00 (two parent)

Late Registration Fee: $20.00. All students are expected to complete their registration including the filing of Schedule Adjustment Forms on the regular registration days. Those who do not complete their registration during the prescribed days must pay this fee.

Special Fee for students requiring additional preparation in Mathematics, English or Chemistry: MATH 001 or MATH 002 — $135.00, CHEM 001 — $70; and ENGL 001 — $100.00 per semester. These special fees are in addition to course charges. (Note that MATH 001 is required of students whose curricula call for MATH 110 or 115 and who fail in qualifying examination for these courses.)

A student enrolled in MATH 001 or ENGL 001 and concurrently enrolled for six or more credit hours will be considered as a full-time student for purposes of assessing fees. Students taking only MATH 002, CHEM 001, or ENGL 001 pay for three credits plus the special fee. Students taking CHEM 001 pay for two credits plus the special fee. A 3-credit course plus MATH 001 or ENGL 001, results in a charge for 6 credits plus the special fee. A full-time student pays full-time tuition plus the special fee.

Cooperative Education Program in Liberal Arts and Business (COOP 098/099): $30.00 each

Engineering CO-OP Program (ENCO 098/099): $30.00 each

Fees for Auditors and courses taken for audit are the same as those charged for courses taken for credit to determine whether or not an undergraduate student is full-time or part-time for fee assessment purposes.

Special Students are assessed fees in accordance with the schedule for the comparable undergraduate classification.

Change of Registration Fee: $2.00 for each course dropped or added after September 17, 1990. A $4.00 fee is charged for each section change ($2.00 for the section added, $2.00 for the section dropped).

Transcript of Record Fee: $2.00 each copy.

Special Examination Fee: $30.00 per course for all undergraduates and full-time graduate students. Credit-hour charge for part-time graduate students. (See page 18 for definition of full-time and part-time graduate status).

Vehicle Registration Fee: Commuters $40.00, $75.00 (Fees are subject to change). Fee is required of all students registered for classes on the College Park Campus and who drive on campus.

Textbooks and Supplies: Textbooks and classroom supplies vary with the course pursued, but will average $250.00 per semester.

Service Charges for Dishonored Checks: Payable for each check which is returned unpaid by the drawee bank on presentation because of insufficient funds, payment stopped, post-dating against uncollected items, etc.

For checks up to $100.00: $10.00
For checks from $100.01 to $500.00: $25.00
For checks over $500.01: $50.00

When a check is returned unpaid, the student must redeem the check and pay any outstanding balance in the account within 10 days or all University services may be severed and the account transferred to the State Central Collection Unit for legal follow-up. Additionally, a minimum 15% collection charge is added to the charges posted to the student's account at the time the transfer is made. When a check is returned unpaid due to an error made by the student's bank, the student must obtain a letter from the branch manager of the bank or a person of equivalent status admitting such an error. This letter must be submitted to the Office of the Bursar to have the service charge waived.

Library Charges: $35 — Fine for failure to return a book from General Library before expiration of loan period per day. Fine for failure to return book from Reserve Shelf before expiration of loan period: First hour overdue on first day: $1.00; after first hour on first day: $.75 per hour for each hour open up to a maximum of $45.00 per item. In case of loss or mutiliation of a book, satisfactory restitution must be made.

Motor Vehicle Penalties: These are described in Traffic Rules and Regulations.

Property Damage Charges: Students will be charged for damage to property or equipment. Where responsibility for the damage can be fixed, the individual student will be billed for it; where responsibility cannot be fixed, the cost of repairing the damage or replacing equipment will be pro-rated among the individuals involved.

Fees for Fall Semester 1990

An Important Fee Notice. Although changes in fees and charges will ordinarily be announced in advance, the University reserves the right to make such changes without previous announcement.

General Fees — (*Includes mandatory fees)

[1] Full-Time Undergraduate Students, Maryland Residents 1,134.50
[1] Full-Time Undergraduate Students from District of Columbia and other states and other countries 3,162.50

— PART-TIME UNDERGRADUATES — (In-state and out-of-state enrolling for 8 credit hours or less) **$108.00** per credit hour.

Credit Hours	1	2	3	4	5	6	7	8
* Cost	203.00	311.00	419.50	527.00	635.00	743.00	851.00	959.00

* Includes all mandatory fees.

* GRADUATE IN-STATE STUDENTS — **$128.00** per credit hour. [2]

Credit Hours	1	2	3	4	5	6	7	8	9	10	11	12	13
* Cost	214.00	342.00	470.00	598.00	726.00	854.00	982.00	1110.00	1284.50	1412.50	1540.50	1668.50	1796.50

* Includes all mandatory fees.

* GRADUATE OUT-OF-STATE STUDENTS — **$229.00** per credit hour. [2]

Credit Hours	1	2	3	4	5	6	7	8	9	10	11	12	13
* Cost	315.00	544.00	773.00	1002.00	1231.00	1460.00	1689.00	1918.00	2193.50	2422.50	2651.50	2880.50	3109.50

* Includes all mandatory fees.

Campus Point Plan	Lite	947.00
	Regular	1047.00
	Plus	1147.00
Room, University Residence Hall, Maryland Residents/Non-Residents		1309.00
Vehicle Registration Fee (valid through August 1991)	Campus Resident	75.00
	Commuter	40.00
Special Mathematics Fee (MATH 001/002)		135.00
Special Chemistry Fee (CHEM 001)		70.00
Special English Fee (ENGL 001)		100.00
Special Engineering COOP Fee (ENCO 098/099)		30.00[3]
Special COOP Fee (COOP 098/099)		30.00[3]
Continuous Registration Fee (Doctoral Candidates)		10.00
Late Registration Fee (beginning September 4, 1990)		20.00
Schedule Adjustment Fee (effective on or after September 18, 1990)		2.00
Graduation Application Fee for Bachelor's Degree		15.00
Graduation Application Fee for Master's Degree		25.00
Graduation Application Fee for Doctoral Degree		50.00
Credit by Exam Fee		
All Undergraduate and Full-Time Graduate Students (per course)		30.00
Part-Time Graduate Students (per credit hour)		See above
Audit courses are charged the same as a course taken for credit.		
Maryland English Institute — Intensive		2,582.00
Maryland English Institute — Semi-Intensive Program		1,291.00
Maryland English Institute — Pronunciation Program		200.00
Maryland English Institute — Fluency Program		200.00
Orientation Fees:		
Student One Day		54.00
Student Two Days		78.00
One Parent		27.00
Two Parents		54.00

[1] FOR BILLING PURPOSES UNDERGRADUATE FULL—TIME STATUS IS DEFINED AS A REGISTRATION FOR 9 CREDITS OR MORE.
[2] A STUDENT WHO HAS BEEN ADMITTED TO THE GRADUATE SCHOOL WILL BE CHARGED THE GRADUATE CREDIT HOUR FEE FOR ALL COURSES REGARDLESS OF THE LEVEL OF THE COURSE.
[3] A $5.00 FEE WILL BE CHARGED FOR SPECIAL COURSE REGISTRATION. THE AMOUNT OF $65.00 WILL BE CHARGED FOR ENROLLMENT IN TWO SPECIAL COURSES.

Late Payment Fee: Students who fail to pay the balance due on their accounts are subject to a late fee of 5% of the outstanding balance or $5.00, whichever is greater.

Severance Fee: $25.00. Students who fail to pay the balance due on their accounts will have their University services severed and the $25.00 Severence Fee added to their account. In order to have services restored, the student's account must be settled in full.

Graduation Application Fee for Bachelor's Degree: $15.00. **Master's Degree:** $25.00. **Doctor's Degree:** $50.00 These charges are one-time, non-refundable, and must be paid in the semester that the graduation application is first submitted.

Billing Information

Bills for payment of fees are mailed in July 1990 to students who have registered for courses for Fall 1990. Since the University has no deferred payment plan, **PAYMENT IN FULL MUST BE MADE NO LATER THAN AUGUST 17, 1990 BY ALL REGISTERED STUDENTS.** Accounts not paid by August 17, 1990 are delinquent and subject to referral to the State Central Collections Unit at Baltimore and/or cancellation of registration.

For student convenience, payment by mail is encouraged; however, payment also may be made at the Office of the Cashier, Lee Building. Students may pay in person at the Office of the Cashier, 8:30 a.m. to 4:15 p.m. Monday through Friday, where they are required to present a Student ID Card with payment. Also students, if paying by personal check, may drop the payment in the Bursar's Mail Remittances hallway drop slot beside Room 1108, Lee Building, any time that the building is open. If a student uses the drop slot, the processed check will serve as a receipt. Be sure the Social Security number is clearly written on the front of the check.

PLEASE NOTE: PAYMENTS FOR STUDENT ACCOUNTS MAY BE MADE BY VISA OR MASTERCARD. CREDIT CARD PAYMENTS MAY BE MADE IN PERSON OR BY MAIL HOWEVER, PHONE-IN PAYMENTS WILL *NOT* BE ACCEPTED THIS SEMESTER.

Periodically during the semester bills will be mailed to the student's permanent address reflecting charges incurred for parking tickets, library fines, course adjustments, etc. These bills are due ON RECEIPT. THE UNIVERSITY CANNOT ASSUME RESPONSIBILITY FOR THEIR DELIVERY.

Students who register after August 17, 1990 will be required to make full payment in person to the cashier by the close of business the following day to avoid cancellation of their schedule and loss of their seats to other students. MAIL PAYMENTS, POSTMARK DATES, AND USE OF "DROP BOXES" WILL NOT SATISFY THIS DEADLINE.

Students who have questions on their bills may obtain print-outs of their financial accounts by coming to Room 1102 of the Lee Building between 8:30 a.m. and 4:15 p.m. Monday through Friday.

Each student is individually responsible for all of his or her fees and expenses. If a third party, such as an employer, agrees to pay these charges, the student is not relieved of his or her primary responsibility. In the event such third party fails to honor its agreement, the University reserves the right to bill the student directly. Failure to pay this bill thereafter will result in the suspension of services to the student by the University and transfer of the account to the State Central Collections Unit. WHEN A PAYMENT IS MADE TO THE UNIVERSITY, PAYMENT OF ANY OUTSTANDING BALANCE PRECEDES PAYMENT OF CURRENT INDEBTEDNESS. That is, the oldest account balance is liquidated first.

FAILURE TO PAY OUTSTANDING DEBTS WILL RESULT IN SEVERANCE OF UNIVERSITY SERVICES, ADDING THE $25.00 SEVERANCE FEE, A LATE PAYMENT FEE OF $5.00 or 5%, WHICHEVER IS HIGHER, TRANSFER OF THE ACCOUNT TO THE STATE CENTRAL COLLECTIONS UNIT. A MINIMUM OF 15% COLLECTIONS CHARGES ARE ADDED AT THIS TIME. THIS COLLETION FEE IS SEPARATE AND DISTINCT FROM ANY LATE PAYMENT FEE THE STUDENT MAY ALREADY HAVE INCURRED AND WILL NOT BE REDUCED OR OFFSET BY THE AMOUNT OF THAT LATE PAYMENT FEE.

MARYLAND LAW ALLOWS THE CENTRAL COLLECTION UNIT TO BLOCK ISSUANCE OF MARYLAND STATE INCOME TAX REFUNDS FOR INDIVIDUALS WITH DELINQUENT ACCOUNTS.

Remission of Tuition for Faculty and Staff

Every semester an approved Authorization for Remission of Tuition form must be turned in to the College Park Personnel Services Office (Room 1129, Lee Building) in order to receive credit on the student bill for courses taken by faculty and staff members. Usually the authorizing department will forward this form directly to the Personnel Services Office. Each faculty and staff member should check with his/her department to ascertain that the proper forms have been submitted.

Tuition waiver forms for students who registered early must be RECEIVED by the campus personnel office before August 17, 1990. Students who register after August 17, 1990 must submit the Tuiton Waiver Form and settle their account in full by 3:00 p.m. the following business day. ALL FORMS MUST BE SUBMITTED NO LATER THAN AUGUST 31, 1990.

Published deadlines and procedures for admission, readmission or reinstatement and registration apply to University faculty and staff who wish to take courses.

Questions regarding admission? Contact Admissions Office, 314-8385.
Questions regarding registration? Contact Registrations Office, 314-8240.
Questions regarding employee remission of tuition? Contact Staff Benefits Office, 405-5654.

Tuition Waiver Policy

(Employee Spouse and Dependent)

The University Board of regents has approved a partial tuition waiver policy for the spouse and dependent children of full-time University employees. The policy will provide a waiver of **one-third of the tuition charges only** for eligible students.

The Partial Tuition Waiver forms are available at each campus Personnel Department. The completed form is to be **HAND CARRIED** to the campus personnel office where the student's spouse or parent is employed for approval. The student copy of the approved form will be given to the student at that time and should be maintained. Approved tuition waiver credit will be posted to registered student's accounts only after completed Tuition Waiver forms are received by the Campus Personnel Services Department. If the student registers or adds additional courses after August 17, 1990, the student copy must be presented to the Bursar to ensure application of credit for partial tuition waiver.

ALL FORMS MUST BE SUBMITTED NO LATER THAN AUGUST 31, 1990. If the student receiving the partial tuition waiver drops classes or withdraws from the University and is eligible for a refund, the refund computations will be made in such a way as to return the maximum amount to the tuition waiver account.

12 Financial Information

Robert T. Stafford Loan Information

The Robert T. Stafford Loan, formerly known as the Guaranteed Student Loan, takes approximately 8 weeks to process. In order for your Stafford Loan check to be available by the Fall 1990 semester payment due date, you should file a Financial Aid Form (FAF) with the College Scholarship Service by June 15, 1990. The processed results of an FAF must be in the Office of Student Financial Aid (OSFA) before a loan can be processed. Students may apply for a Stafford Loan only after receiving their award notification from OSFA.

Pending Stafford Loans and promissory notes may not be substituted in lieu of payment. The university does not have a deferred payment program. Payments for students who registered early for the Fall 1990 semester are due on or before August 17, 1990.

Financial Aid Information

Any student receiving financial aid who is contemplating dropping credits should see his/her financial aid counselor before taking such action. Students receiving certain scholarships and grants are expected to maintain a semester credit load of 12 hours. Neither credit (earned) by "Examination" nor courses taken as "Audit" can be counted toward credit level. If the registration of a student with a scholarship or grant that requires 12 hours falls below the minimum requirement, the scholarship or grant is automatically cancelled. Cancellation of a scholarship or grant without subsequent payment of amounts due will lead to an indebtedness to the university. Such indebtedness can in turn lead to severance of services by the university.

A student who has not received final approval of a financial aid award and accepted the award should not expect a credit on his/her bill nor a check at the time of registration. No deferment will be granted and the student should be prepared to pay his/her bill by the first day of classes unless financial aid has been **awarded and accepted** by the student.

Students sponsored by an agency or their employer remain responsible for their fees. When payment is not received by the university from the sponsor, the student will be charged.

Previously registered students bills will be mailed. Students not registered will complete an estimated bill form at registration time. The following information may be helpful:

1. Scholarships, grants, & workships will be credited to student accounts. A check for any balance remaining after charges are paid will be available for those students receiving financial aid. Perkins Loans will be ordered in checks. **ALL STUDENTS MUST MAKE AN APPOINTMENT TO PICK UP A FINANCIAL AID CHECK. APPOINTMENTS CAN BE MADE BY CALLING 405-9025.** Before a check can be distributed, students must present proof of the required credit hours, their photo ID card or driver's license, and the Fall bill sent to their permanent address. If an awarded financial aid has not been credited on the early registration bill, deduct the approved FA amount for the semester, and pay the balance due.
2. Students who receive scholarships, grants or loans after classes have begun and who have paid their Student Account for the award period must request a refund in writing from the Office of the Bursar. The refund will take approximately two to three weeks to process after the credit balance appears on the account and the refund request is received.
3. Other scholarships and grants paid to the University by an outside agency will be credited to the student's bill. (Exception — National Merit Scholarship checks will be available in the Office of the Bursar.)
4. Stafford Loan (formerly Guaranteed Student Loan) checks may be picked up at the Office of the Bursar, Room 1103, Lee Building. Before a check can be disbursed, the student must present proof of registration for the required credit hours. Student identification such as the photo ID card or driver's license, and the early registration bill, if applicable, must be provided.
5. Dining Hall cash jobs will be paid bi-weekly to students as work is performed.
6. Dining Hall and Library Workships (and other University Workships) will be credited to the bill after signing a contract with the respective office.
7. College Work Study and other univesity employment will be paid to the student bi-weekly as work is performed.
8. STUDENTS WHO RECEIVE A PERKINS LOAN MUST SUBMIT PROPERLY EXECUTED PROMISSORY NOTES AND ASSOCIATED FORMS. The loan check cannot be disbursed if the student has not turned in these forms.

   Deferments for repaying Perkins Loans require that students be registered at least half time: undergraduate students — 6 credits; graduate students — 24 academic units.
9. **Students contemplating a withdrawal should consult a Financial Aid counselor prior to the withdrawal.** Aid will be prorated based on attendance. Those considering second withdrawal may not be eligible for aid the subsequent semester.
10. The university will only make adjustments to financial aid awards until the beginning of the next spring semester for students attending the fall semester and June 30 for students attending the spring semester.

SATISFACTORY ACADEMIC PROGRESS FOR FINANCIAL AID

Federal Legislation governing the administration of the Pell Grant, Perkins Loan (formerly National Direct Student Loan), the Supplemental Education Opportunity Grant (SEOG), the College Work Study (CWS), the Stafford Loan (formerly GSL), and the PLUS/Supplemental Loan require that colleges and universities define and enforce standards of progress for students receiving or applying for federal financial aid. To comply with that legislation, Standards of Satisfactory Progress have been established, and all recipients of the above-mentioned forms of financial aid are subject to these standards for renewal or receipt of their federal financial aid.

A review of the student's compliance with the Standards of Satisfactory Progress will normally occur at the end of the Spring Semester. Students who have not met the minimum credit hour requirement and/or minimum grade point average requirement will be informed in writing prior to the Fall Semester.

Student Loan Deferment Payment Information

Student Loan verifications must be made using the following guidelines:

UNDERGRADUATES:
To qualify for a deferment the student must maintain the credit levels noted below:

FALL/SPRING SEMESTER:
9 or more Credits to be considered **FULL TIME**
6-8 Credits to be considered **half time**

SUMMER SESSIONS:
6 Credits per session to be considered **FULL TIME**
3 Credits per session to be considered **HALF TIME**

GRADUATE STUDENTS:
Graduate students need to have their schedules converted to units. This is done by using the table below. To be considered for a deferment the student must maintain the units noted below:

FALL/SPRING SEMESTER:
48 Credit Units for **FULL TIME**
Graduate Assistantships = 24 units
24 Graduate Units for **HALF TIME**

SUMMER SESSIONS:
24 Graduate Units if **HALF TIME**

Withdrawal from the University

Procedures for Withdrawal from All Classes

Cancellation of Housing/Dining Contracts is a separate process, see Cancellation of Housing and/or a Meal Plan below.

September 4 or later

1. All students should report to Room 1101, Mitchell Building to complete a withdrawal form.
2. Withdrawal becomes effective on the date the form is filed with the Records Office. Stopping payment on a check does not constitute an official withdrawal. A notation of withdrawal and the effective date of the withdrawal will be posted to the permanent record.
3. Tuition credit will be initiated upon receipt of the Withdrawal Form. The percentage of credit is determined by the date the form is filed in the Records Office.
4. Refer to the chart below for refund information. The $5.00 Registration Fee is not refundable. Credit adjustments for housing services not utilized are based upon the date of completion of residence halls checkout procedures and not upon the date of withdrawal from classes.
5. Be certain to return all books to the library and clear all financial accounts at the Office of the Bursar, Lee Building. Refunds for credit adjustments will be authorized after all student financial aid adjustments have been processed and any balance remaining on the account has been deducted.

Dates for Refund of Tuition for Withdrawal from All Courses*

		Undergraduate Resident	*Undergraduate Non-resident*
On or before August 31	100%	1134.50	3162.50
September 4-17	80%	903.60	2526.00
September 18-24	60%	677.70	1894.50
September 25-October 1	40%	451.80	1263.00
October 2-8	20%	225.90	631.50
October 9 and later	0%	0.00	0.00

* Students who have made no payment on their account at the time of withdrawal will be billed according to the above schedule.

In computing refunds to students who have scholarships and loans from University funds, the computation will be made in such a way as to return the maximum amount to the scholarship and loan accounts without loss to the University.

NOTE: Only amounts in excess of the non-refundable enrollment deposit will be refunded.

Cancellation of Residence Halls/Dining Services Agreement

Charges for housing and dining are not refundable unless the student receives written approval for and effectively completes Resident Life and/or Dining Services release procedures as stated in the Residence Halls/Dining Services Agreement.

1. Cancellation of Residence Halls/Dining Services Agreement must be sent directly (Certified Mail suggested) to:

   Resident Life
   Assignments Office
   2100 Annapolis Hall
   College Park, MD 20742
   314-2100
2. The Residence Halls/Dining Services Agreement is for the entire academic year. Therefore, the University will not normally release an individual from the Agreement after services are claimed (i.e., keys issued).

   In some special cases, however, residents may be released from the Agreement without incurring financial obligation (beyond occupancy and meal charges) only when Resident Life has received and verified upon a specified date a student's withdrawal, graduation, marriage, student teaching, studying abroad, co-op work in conjunction with a University sponsored program, or substantial physical or emotional difficulties (verified by the University) which prevent continued participation in the Agreement.

   Such requests for release — effective at the end of the fall semester or the start of the spring semester — must be submitted to Resident Life by 4:30 p.m., November 27, 1990, in order to avoid incurring the charges identified below in the Cancellation Fee Schedule and/or in Section IV (D) (1) of the Agreement in the event the request is approved by Resident Life. Requests for release from the Agreement, which are to be effective Spring 1991 will not be approved after the first scheduled day of spring semester classes, except for reasons of disenrollment.
3. The Dining Services ID Card(s) must be returned to the Dining Services business Office (0144 South Campus Dining Hall) to avoid a $15.00 fine per card.

Please contact Resident Life's Assignments office for more information and other criteria that will allow for release from the Residence Halls/Dining Services Agreement.

Cancellation Fee Schedule

	TOTAL	(HOUSING/DINING)
By July 10, 1990	No Financial Obligation	
July 11-July 24	$121.81	($81.81/$40.00
July 25-August 7	$243.63	($163.63/$80.00)
August 8-August 21	$365.44	($245.44/$120.00)
After August 21 and prior to check-in	$487.25	($327.44/$160.00)

Refunds for Special Courses

CHEM 001, COOP 098/099, ENGL 001, MATH 001, MATH 002 — Refunds: A part-time or full-time undergraduate who drops MATH 001, MATH 002, ENGL 001, or CHEM 001 will receive an 80% refund of the special fee if the course is dropped during the first five (5) days of classes and 0% thereafter. MATH 001, MATH 002, ENGL 001, or CHEM 001 will still be counted in the determination of hours for full-time or part-time status, nothwithstanding the refund policy.

A part-time or full-time undergraduate student who drops COOP 098/099, or ENCO 098/099 will receive an 80% refund of the fee if the course is dropped during the first five (5) days of classes and 0% thereafter.

Refund Requests

To Obtain A Refund: To obtain a refund of a credit balance: a STUDENT must request the refund in writing. This can be done by: (1) addressing a letter to: Office of the Bursar, University of Maryland, College Park, Md. 20742, or (2) completing a request form available at the Student Counter, 1103 Lee Building. NO CREDIT BALANCE IS AUTOMATICALLY REFUNDED. Approximately two to three weeks is required from the time a credit balance appears on the account and a refund request is received until a check is mailed from The State Treasurer's Office in Annapolis. THE CHECK WILL BE MADE PAYABLE TO THE STUDENT and mailed to the student's permanent address. Refund checks will not be mailed to a campus address.

Final Examination Schedule
Fall Semester 1990

All final examinations must be held on the examination days of the Official Final Examination Schedule. No final examination shall be given at a time other than that scheduled in the Official Examination Schedule without permission of the department chair.
A final examination will be given in every undergraduate course. Exceptions may be made with the written approval of the chair of the department and the dean. Please read all sections of the Final Examination Schedule. For additional information, see "Examinations" in the Undergraduate Catalog.
If the University is *officially* closed because of snow, examination date. Exams will be held at the same time and in the same room as originally scheduled.

1. STANDARD FINAL EXAM TABLE

Examination Time	*Classes Scheduled*
December 13, Thursday	
*(Alternate Snow Date–December 16)	
8:00–10:00	TuTh 2
	TuTh 2-3:15
10:30–12:30	MWF 11
1:30– 3:30	MATH 001, 002, 110, 111, 115, 140, 141, 210, 211, 220, 221, 240, 241, 246
	STAT 100
December 14, Friday	
*(Alternate Snow Date–December 16)	
8:00–10:00	TuTh 11
	TuTh 11-12:15
10:30–12:30	CHEM 001, 103, 105, 113, 233, 235 243, 481, 482
1:30– 3:30	MWF 9
4:00– 6:00	BMGT 311, 424
	ENEE 322, 324
	ENES 101, 220
December 15, Saturday	
*(Alternate Snow Date–December 16)	
8:00–10:00	TuTh 8
	TuTh 8-9:15
10:30–12:30	MWF 2
1:30– 3:30	ECON 203
	EDMS 451
	ITAL 101, 102, 203
4:00– 6:00	BMGT 310, 422, 440
	CMSC 150
	PHYS 121, 161, 262, 263
December 17, Monday	
*(Alternate Snow Date–December 22)	
8:00–10:00	TuTh 9
	TuTh 9:30–10:45
10:30–12:30	MWF 1
1:30– 3:30	ECON 201, 430
December 18, Tuesday	
*(Alternate Snow Date–December 22)	
8:00–10:00	TuTh 12
	TuTh 12:30–1:45
10:30–12:30	MWF 10
1:30– 3:30	BMGT 220, 380
	ENEE 304, 314
	GERM 101, 102, 103 104
	SPAN 204
December 19, Wednesday	
*(Alternate Snow Date–December 22)	
8:00–10:00	TuTh 3
	TuTh 3:30–4:45
10:30–12:30	MWF 12
1:30– 3:30	CMSC 103, 112
	ENEE 380, 381
	ENES 110, 221
	FREN 101, 102, 103, 203
	RUSS 101, 201
December 20, Thursday	
*(Alternate Snow Date–December 22)	
8:00–10:00	MWF 8
10:30–12:30	TuTh 10
1:30– 3:30	MWF 3
4:00– 6:00	TuTh 1

*ALTERNATE SNOW DATE—Exams will be held at the same time and in the same room as originally scheduled.

2. EXAMS FOR CLASSES BEGINNING AT 4 P.M. AND LATER

Final examinations for classes beginning 4:00 p.m. and later are given on the same day and at the same time the class normally meets during the semester. (For example, a class scheduled on Tuesday, 4:15-7:00 p.m. has its exam on Tuesday, December 18, at 4:15 p.m.). Classes scheduled on Thursdays at 4:00 p.m. and later have their final exams on Thursday, December 13. Exams will be given in the regularly scheduled classrooms. The department will notify faculty of any exceptions to the time and room.

3. COMMON FINAL EXAMS

Final examinations for all sections of the following courses are given at the times listed in the above schedule. Note that these exam times do not depend on the hour or day at which the particular section meets. The rooms in which these examinations will be held will be anounced in class.
BMGT 220,310,311,380, 422, 424, 440
CHEM 001, 103, 105, 113, 233, 235, 243, 481, 482
CMSC 103, 112, 150
ECON 201, 203, 430
EDMS 451
ENEE 304, 314, 322, 324, 380, 381
ENES 101, 110, 220, 221
FREN 101, 102, 103, 203
GERM 101, 102, 103, 104
ITAL 101, 102, 203
MATH 001, 002, 110, 111, 115, 140, 141, 210, 211, 220, 221, 240, 241, 246
PHYS 121, 161, 262, 263
RUSS 101, 201
SPAN 204
STAT 100

4. EXAMS FOR BMGT COURSES NUMERED 600 AND ABOVE.

Final Examination for BMGT courses numbered 600 and above are subject to the general guidelines outlined in Notes A, B, & C below. The rooms in which these examinations will be held will be announced in class.

A. Examination time for required MBA courses taught at night are based on the time the course normally meets irrespective of course number.
B. Examination times for required MBA Courses that are taught during the day are based on course number irrespective of the time the course normally meets.
C. Examination times for all BMGT courses numbered 600 and above and that are not covered by notes A & B, will follow the exam schedule at the top of this page. However, exams will be three hours long.

Examination Time	Classes Scheduled
Thursday, December 13, 1990 9:00-12:00	BMGT 620 MW 11:00-12:15*** MW 12:30- 1:45***
Friday, December 14, 1990 9:00-12:00	BMGT 680 TUTH 12:30-1:45*** TUTH 2:00-3:15*** MW 2:00-3:15
Saturday, December 15, 1990 9:00-12:00	BMGT 650 MW 2:00-3:15*** MW 3:30-4:45*** TUTH 11:00-12:15
Monday, December 17, 1990 9:00-12:00	BMGT 610 TUTH 9:30-10:45*** TUTH 11:00-12:15***
Tuesday, December 18, 1990 9:00-12:00	BMGT 630 TUTH 12:30-1:45*** TUTH 2:00-3:15*** TUTH 3:30-4:45
Wednesday, December 19, 1990 9:00-12:00	BMGT 670 MW 9:30-10:45*** MW 12:30-1:45*** TUTH 9:30-10:45

***Sections are given together

Academic Dishonesty

Academic dishonesty is a corrosive force in the academic life of a university. It jeopardizes the quality of education and depreciates the genuine achievements of others. Apathy or acquiescence in the presence of academic dishonesty is not a neutral act. **All members of the University Community — students, faculty, and staff — share the responsibility to challenge and make known acts of apparent academic dishonesty.**

Any of the following acts, when committed by a student, is an act of academic dishonesty.

A. CHEATING

Intentionally using or attempting to use unauthorized materials, information or study aids in any academic exercise.
Comments:

1. Students completing any examination should assume that external assistance (e.g., books, notes, calculators, conversation with others) is prohibited unless specifically authorized by the instructor.
2. Students must not allow others to conduct research or prepare any work for them without advance authorization from the instructor. This comment includes, but is not limited to, the servces of commercial term paper companies.
3. Substantial portions of the same academic work may not be submitted for credit or honors more than once without authorization.

B. FABRICATION

Intentional and unauthorized falsification or invention of any information or citation in an academic exercise.
Comments:

1. "Invented" information may not be used in any laboratory experiment or other academic exercise without notice to and authorization from the instructor.
2. One should acknowledge reliance upon the actual source from which cited information was obtained.
3. Students who attempt to alter and resubmit returned academic work without notice to the instructor would be in violation of this section.

C. FACILITATING ACADEMIC DISHONESTY

Intentionally or knowingly helping or attempting to help another to commit an act of academic dishonesty.

D. PLAGIARISM

Intentionally or knowingly representing the words *or* ideas of another as one's own in any academic exercise.
Comments:

1. *Direct Quotation:* Every direct quotation must be identified by quotation marks or by appropriate identification and must be promptly cited in a footnote. (Proper footnote style for many academic departments is outlined by the MLA Style Sheet or K.L. Turabian's. *A Manual for Writers of Term Papers. Thesis and Dissertations.)*
2. *Paraphase:* Prompt acknowledgement is required when material from another source is paraphrased or summarized in whole or in part in your own words.
3. *"Borrowed Facts or Information":* Information that is obtained in one's reading or research; which is not common knowledge among students in the course, must be acknowledged.
   Materials which contribue only to one's general understanding of the subject may be acknowledged in the bibliography and need not be immediately footnoted.

Academic dishonesty is a serious offense which may result in suspension or expulsion from the University. The normal sanction for academic dishonesty is a grade of "XF," denoting "failure due to academic dishonesty." That grade will normally be recorded on the transcripts of students found responsible for acts of academic dishonesty in addition to any other action taken (e.g., suspension or expulsion).

A twenty-five student Honor Council has the responsibility to investigae allegations of academic dishonesty and to convene Honor Boards to adjudicate charges. In specified circumstances, the Student Honor Council will accept petitions to remove the grade of "XF" from a transcript and replace it with the grade of "F."

STUDENTS ACCUSED OF ACADEMIC DISHONESTY SHOULD REQUEST A COPY OF THE DOCUMENT "PREPARING FOR AN HONOR REVIEW." AVAILABLE IN THE JUDICAL PROGRAMS OFFICE 314-8204

TO REPORT ACADEMIC DISHONESTY DIAL 314-8206 AND ASK FOR THE "CAMPUS ADVOCATE"

The *Code of Academic Integrity* is reprinted in full in the Undergraduate Catalog. For further information, contact the Office of Judicial Programs, Room 2112 Mitchel Building (314-8204).

Change of Address Procedure

Change in either local mailing or permanent address can be processed AT ANY TIME DURING THE SEMESTER IN WHICH THEY OCCUR. Address changes are posted to the computer by the Office of the Bursar. Address Change Forms are available at the following places:

1. Office of the Bursar, Address Unit, Lee Building, Room 1121 or 1103, 8:30 a.m. to 4:15 p.m., Monday-Friday.
2. Registration Counter, Mitchell Building, First Floor Lobby, 8:30 a.m.-4:30 p.m. Monday through Friday.
3. Deans' Offices, 8:30-4:30 p.m., Monday-Friday

Since many University communications to students are handled through the mail, it is imperative that accurate and up-to-date addresses be maintained throughout the enrollment period. During the academic year the permanent address for currently registered students will be used for grade reports, combined early registration schedules and bills, and other billings. The local address on file for currently registered students will be used for all other mailings. The permanent address on file for students not currently registered will be used for all mailings. Any student wishing his/her address to be kept confidential should contact the Registration Counter.

All requests for non-disclosure of information will be implemented as soon as publication schedules will reasonably allow. The University will use its best efforts to maintain the confidentiality of those categories of information which a student properly requests not be publicly disclosed. The University, however, makes no representations, warranties or guarantees that information designated for non-disclosure will not appear in public documents.

Change of Name Procedure

A change of name can be processed at any time during the semester in which it occurs. Name Change forms are available at the Registration Counter, Mitchell Building, First Floor Lobby, 8:30 a.m.-4:30 p.m., Monday-Friday. Proof of name change (court order, marriage license, driver's license) must be submitted with name change form.

Commencement Honors

Summa Cum Laude, Magna Cum Laude, and Cum Laude are the commencement honors for excellence in scholarship. Honors are awarded to students with a GPA equal to the highest two percent (Summa), the next highest three percent (Magna) and the following five percent (Cum Laude) of the GPA distribution used in the calculations for that semester. The GPA distribution shall be computed each semester from the GPAs of the three proceeding classes of the student's degree granting unit. To be eligible for this recognition, at least 60 semester hours must be earned at or transferred with a grade to College Park. No more than six credits taken pass/fail or satisfactory/fail shall count toward the 60 hour minimum. No student with an average less than 3.300 will be considered for a commencement honor. Because grades for a term generally are officially recorded after the term's graduation day, computation of the student's GPA will not include grades for courses taken during the student's final semester at College Park. However, the hours taken during that semester will apply toward the 60-hour requirement.

Computer Science Center

Non-credit Training Courses (Fall 1990)

The Computer Science Center offers a series of *free* workstation training classes scheduled during evening and weekend hours. Classes in the use of workstations (e.g. the IBM PC, XT, AT PS/2 and Macintosh microcomputers) are designed to be a hands-on experience for those who wish to use a computer to do their class assignments and work.

The classes include: Introduction to the IBM PC and MS-DOS, Wordperfect 5.1 and QUATTRO PRO on the IBM PC, Introduction to the Macintosh, and MacWrite II on the Macintosh. An additional class on Telecommunications and File Transfer is also offered. Instructors for the classes are computer experienced students. Call 405-2941 for scheduling information, or drop by CSC room 3326 to register for classes.

The workstation training courses are in addition to the CSC's traditional non-credit short courses which, this Fall, will include surveys of UNIX statistical software, communications, and networking. A small fee is charged for these classes. For further information call 405-4261.

Credit by Examination (Undergraduate Students)

Credit may be earned by examination for any undergraduate course for which a suitable examination has been adopted or can be prepared by the department granting the credit. This option is not available, however, for courses in which the student has been registered beyond the end of the Schedule Adjustment Period, i.e., the first 10 days of classes.

Additional information regarding availability of examinations, applications, fees and other regulations is available from the Undergraduate Advising Center, Room 1117, Hornbake Library. See Ms. Crouch, 314-8418.

Disabled Student Services

A division of the Counseling Center, located in Shoemaker Hall, Room 0126. Services are available for students with documented disabilities. Services may include: readers, writers, interpreters, assisting with physical access and assistance with registration. Services must be arranged in advance and students are encouraged to contact Disabled Student Services as early as possible. Hours of operation are 8:30-4:30 Monday through Friday. Our telephone number is 314-7682 (voice) or 314-7683 (TDD).

Counseling Center

The Counseling Center provides comprehensive psychological and counseling services to meet the mental health and developmental needs of students. Records kept as part of providing counseling services are **confidential** and are not part of the University's educational records. The Counseling Center, located in Shoemaker Building, is open Monday-Thursday 8:30-9:00 and Friday 8:30-4:30.

In order to meet the needs of the University community, the Counseling Center provides the following special services and programs:

Counseling Service. Psychologists provide professional individual and group counseling services for students with social-emotional and educational-vocational concerns. Counseling is available for individuals and groups to overcome depression, career indecisiveness, anxiety, loneliness and other problems experienced by students. Workshops ranging from developing assertiveness and self-esteem to stress management are offered. A 3:00 p.m. Minority Student Walk-In Hour is held daily. The Center also provides a series of tape-recorded interviews with all College Park department heads covering course and career options in their fields. Telephone: 314-7651.

Disabled Student Services (DSS). Professionals provide interpreters for the deaf, readers for the blind, assistance with registration, administration of classroom exams, assistance for students with learning disabilities and access guides to campus buildings. Students are encouraged to contact the office as early as possible. Located in Room 0126 Shoemaker, office hours are 8:30-4:30 Monday-Friday. Telephone 314-7682 (voice) or 314-7683 (TDD).

Learning Assistance Service (LAS). Educational Specialists offer individual and group sessions for improving academic skills such as reading, writing, listening, note taking, and how to learn mathematics and science material. Workshops cover such topics as study skills, time management, learning math skills, exam anxiety, and learning English as a second language. Telephone: 314-7693.

Returning Students Program. A wide variety of workshops, ongoing consultation, counseling, referrals, and orientation programs are provided to address the needs of students aged 25 or over who are beginning or coming back to school after a break in their formal education. A one credit course, EDCP 108R, is offered Spring and Fall semesters to provide returning students with study skills techniques and information about campus resources, as well as exploration of academic, career and personal goals. A new offering this year is the Returning Students Coffee and Conversation Group. Drop in any Monday 1:00-2:00 with your lunch. Located in Room 2201 Shoemaker. Telephone: 314-7693.

Testing, Research and Data Processing Service. National testing programs such as CLEP, GRE, LSAT, MCAT, GMAT and Miller Analogies are administered through this office as well as testing for counseling purposes, including vocational assessment. In addition, the staff members provide a wide variety of research reports on characterists of students and the campus environment. Telephone: 314-7688.

Parent Consultation and Child Evaluation Service. Professional help is available through consultation, testing, and counseling for youngsters ages 5-14 and families. Telephone: 314-7673.

Counseling Center services allow students to overcome barriers to their learning and development. Center professionals are highly committed to help you reach your goals. Call or come to the Shoemaker Building for more information or to schedule an appointment.

Emergency Weather Conditions

Stations designated to broadcast emergency condition reports:

Radio Station	*Frequency*	*Location*	*TV Station*	*Channel*	*Location*
WTOP	1500 AM	D.C. Area	WRC	4	D.C. Area
WKYS	980 AM	D.C. Area	WJLA	7	D.C. Area
WMAL	630 AM	D.C. Area	WUSA	9	D.C. Area
WGMS	103.5 FM	D.C. Area	WMAR	2	Baltimore Area
WBAL	1090 AM	Baltimore Area	WJZ	13	Baltimore Area
WCAO	600 AM	Baltimore Area	WBAL	11	Baltimore Area

CAMPUS INFORMATION: 405-1000

Engineering Jobs Hotline — 314-9289

This is a listing of currently available part-time, off- and on-campus engineering jobs paying various hourly rates. The line is in operation 24 hours a day. Call 314-9289.

Experiential Learning Programs

0119 Hornbake Undergraduate Library, 405-3956

Experiential Learning Program (ELP) offers four of the University's most exciting learning opportunities — internships, cooperative education, volunteer service, and student exchange. Each is designed to give students "hands-on" experience that can help them integrate classroom learning with practice, gain valuable on-the-job experience, make professional contact, observe career fields first-hand, experience different educational, work or cultural environments and clarify personal and professional goals.

Internships

An internship is paid or unpaid work experience with specific educational objectives that may be granted academic credit. Students can use extensive ELP listings, which include more than 200 opportunities in more than 1300 organizations, businesses and agencies to identify possible internships. In addition, the ELP staff can show students how to investigate and design unique internship opportunities which might not be listed in our files. Once students have found a placement, they can enlist a full-time faculty member to provide sponsorship for academic credit.

Internship Credit Policies for ____386/____387

Students can earn academic credit for their internship experiences through departmental internships or through the campus-wide internship courses ____386 Field Experience and ____387 Analysis of Field Experience. The following are Campus Senate Policies regarding ____386/____387:

- ____386 and 387 may be taken by any student with the permission of a full-time faculty member, **if** it is a department option and in accordance with departmental requirements and internship policies.
- ____386 and ____387 must be taken concurrently.
- ____386 and ____387 are variable credit courses. Each may be awarded from 1-3 credits with a maximum of 6 credits for the two courses combined, unless otherwise stipulated by departmental policy.
- ____386 and ____387 may be taken only once in a given department.
- ____386 and ____387 may be taken in only one department per semester.
- ____386 and ____387 may be taken for a maximum of 4 credits in an undergraduate program.

Mandatory Learning Proposals

Learning Proposals, which can be obtained in the ELP office, are mandatory for all students taking ____386 Field Experience and ____387 Analysis of Field Experience.

The Learning Proposal is a learning contract that spells out and clarifies the nature of a student intern's placement, learning objectives, specific responsibilities, supervision, in-service training, method of evaluation, and contact with the faculty sponsor. The process for developing a Learning Proposal is intended to include the student, faculty sponsor and the on-site supervisor, all of whom must sign the finished proposal before it is returned to ELP.

Students must have Learning Proposals completed and copies to ELP, faculty sponsors and on-site supervisors **must be submitted by the end of the late registration for the semester or summer session in which credits will be earned.** If the Learning Proposal is not completed, the student may have his/her ____386/____387 credit removed. It is, however, strongly recommended that the Learning Proposal be completed before a student registers for ____386/____387. Thus, the student, faculty sponsor and on-site supervisor can be in agreement about the expectations of the internship experience prior to registration.

Cooperative Education for Liberal Arts, Business and Sciences

Cooperative Education is the most intensive form of experiential learning. Students either alternate semesters of full-time paid employment with semesters of full-time study, or work part-time while enrolled full-time at UMCP. Co-op employers include hundreds of agencies within the federal government and leading private organizations. Many co-op students are offered permanent positions after graduation. To be eligible a student must have completed 36 college credits, 12 UMCP credits (undergraduates) or 9 UMCP credits (graduate students) each semester before you co-op, and maintain a 2.0 G.P.A. cumulative, in your major, and each semester before co-oping (undergraduates) or 3.0 G.P.A. (graduate students) cumulative in major. Sign-up for one of our weekly information sessions to learn how co-op can help you earn a future while you earn a degree! But remember, you need to apply a full semester in advance of when you would like to co-op, so stop by today!

Volunteer Service

Students can learn while being of service to others as a student volunteer. the ELP office lists more than 400 different opportunities for community and public service in a variety of settings, addressing such issues as child welfare, family services, literacy, hunger, homelessness, and environmental preservation. Students are encouraged to incorporate some volunteer service as part of their undergraduate experience. The opportunities to be of service are almost without limit.

National Student Exchange Program (NSE)

The National Student Exchange Program offers UMCP students the opportunity to study at 90 participating public colleges and universities across the country. UMCP students pay their Maryland tuition and fees to UMCP and room and board to their host campus. Students may exchange for a semester or a year. NSE offers the opportunity to explore new geographical settings, investigate graduate school options, experience academic diversity, and study under different educational and social circumstances in various parts of the continental U.S., Hawaii, Alaska and U.S. territories. While the application deadline is March 1st for the following academic year, students who are interested in NSE are encouraged to contact the ELP office as soon as possible to plan for their exchange. Students may not exchange during their senior year. You must have at least a 2.5 G.P.A. at the time of application and exchange.

Golden Identification Card Program

College Park participates in the University of Maryland's Golden Identification Card Program. The institution will make available courses and various services to persons who are 60 years of age or older, who are legal residents of the State of Maryland and who are retired (not engaged in gainful employment for more than 20 hours a week. When persons eligible for this Program apply for the Program and are admitted to the University, they register on a space available basis for credit courses as regular or special students in any session and receive a Golden Identification Card. Golden ID students must meet all course pre-requisite and co-requisite requirements. Golden ID students are not eligible for Consortium courses with the waiver of fees. College Park tuition and most other fees are waived. Golden ID students may register for a maximum of three courses per term. The Golden Identification Card will entitle eligible persons to certain academic services, including the use of the libraries, as well as certain other non academic services. **Such services will be available during any session only to persons who have registered for one or more courses for that session.**

Golden ID students also have the opportunity to become involved with the Golden ID Student Association which provides cultural and social events, course recommendations, and peer advising.

Additional information may be obtained from the Office of Undergraduate Admissions, Mitchell Building, 314-8385, or the Golden ID Student Program, Room 0119 Hornbake Library, 405-3956.

Guidelines to Administration for Examinations and Tests, Including Those on Religious Holidays

All examinations and tests shall be given during class hours in accordance with the regularly scheduled (or officially "arranged") time and place of each course listed in the *Schedule of Classes and/or the Undergraduate Catalog*. Unpublished changes in the scheduling or location of class/tests must be approved by the department chairman and reported to the Dean. It is the responsibility of the student to be informed concerning the dates of announced quizzes, tests and examinations.

It is the policy of the University to excuse the absences of students that result from religious observances and to provide without penalty for the rescheduling of examinations and other written tests that fall on religious holidays. In addition, examinations and other written tests may not be scheduled on Rosh Hashannah, Yom Kippur, or Good Friday.

A make-up examination, when permitted, must be given on Campus, unless the published schedule and course description require other arrangements. The make-up examination must be at a time and place mutually agreeable to the instructor and student, cover only the material for which the student was originally responsible, and be given while the material is still current. The make-up must not interfere with examination, one make-up time may be scheduled at the convenience of the instructor and the largest possible number of students involved. Under the same guidelines students shall have equal access to all information and drills missed due to the reasons listed.

An instructor is not under obligation to give a student a make-up examination unless the absence was caused by illness, religious observance, participation in University activities at the request of University authorities, or compelling circumstances beyond the student's control. In cases of dispute the student may appeal to the Chair of the department offering the course, *within one week from the date of the refusal of the right to take a make-up exam.*

Health Center

The UM Health Center is located directly across from the Stamp Student Union on Campus Dr. The services provided by the Health Center include: primary care of illness and injury, health education and consultation, dental care, a men's clinic, a women's health clinic, skin care, sports medicine, physical therapy (located in the HLHP building), nutritional counseling, mental health counseling, social services, lab services and a pharmacy. Individual and group health education programs are available on topics such as sexual health and contraception, stress management, substance abuse, and sexuality and communication.

The Health Center is open 24 hours a day, seven days a week, with varied hours during semester breaks and holidays. Students are seen for routine care between 8:00 and 6:00 on weekdays. All currently registered students are eligible for care. The cost of Health Center services is included in the student's health fee. All students are encouraged to carry hospitalization insurance. While the health fee covers most routine costs at the Health Center, there are additional charges for x-rays, lab tests, dental treatment, allergy injections, and pharmacy supplies. All students' medical records are strictly confidential and may only be released by the student's consent or through court-ordered subpoena.

Health Center Phone Numbers

Information	314-8180	Health Education	314-8128
Appointments	314-8184/8185	Health Insurance	314-8165
Mental Health	314-8106	Dental Clinic	314-8178
Pharmacy	314-8167		

UMCP Human Relations Code

THE UMCP HUMAN RELATIONS CODE PROHIBITS DISCRIMINATION WITHIN THE COLLEGE PARK COMMUNITY ON THE BASIS OF

- race
- color
- creed
- sex
- sexual harassment
- age
- marital status
- national origin
- personal appearance
- political affiliation
- mental or physical handicap
- The exercise of the rights secured by the First Amendment of the United States Constitution, such as the right to assemble peacefully, freedom of speech, including the expression of sexual preference.

If You feel you have been subjected to any form of discrimination, you may file a complaint with the member of the Human Relations Code Equity Team, which includes

MICHAEL POWELL, J.D.
Campus Compliance Officer
Human Relations Programs
1107 Hornbake Library
405-2838

EQUITY ADMINISTRATORS:

DR. AMEL ANDERSON
College of Life Sciences
1224 Symons Hall
405-2085

DR. MARILYN BERMAN
College of Engineering
1137 Engineering Classroom Bldg.
405-3871

DR. CORDELL BLACK
Equity Affairs
3104 Jimenez Hall

DR. WILLIAM CUNNINGHAM
College of Library and
Information Services
4111C Hornbake Library

DR. MARIE DAVIDSON
Academic Affairs
1119E Main Administration Bldg.
405-5793

MS THERESA DIPAOLO
College of Arts and Humanities
1103 Francis Scott Key Hall
405-2115

MR. RICHARD ELLIS
College of Computer, Mathematical,
and Physical Sciences
2300 Mathematics Building
405-4906

MS. COLLEEN (COKE) FARMER
College of Health and Human
Performance
2314 HLHP Building
405-2438 or 405-2475

MS. SHARON FRIES
Student Affairs
2108 Mitchell Building
314-8431

MR. RAY GILLIAN
Office of the President
1111 Main Administration Bldg.
405-5795

MS. CARI HOWARD
Institutional Advancement
2101 Turner Laboratory
405-4631

DR. DIANA JACKSON
College of Behavioral and
Social Sciences
2141 Tydings Hall
405-1683

MS. JEAN JOHNSON
College of Life Sciences
1105 Symons Hall
405-1177

DR. JEANETTE KREISER
College of Education
3119 Benjamin Building
405-2338

DR. NOEL MYRICKS
College of Human Ecology
Department of Family and
Community Development
405-5925

MR. JAMES NEWTON
College of Engineering
1131L Engineering Classroom Bldg.
405-3860

DR. WILLIAM POWELL
School of Public Affairs
2106 Morrill Hall
405-6336

MR. STEPHAN SACHS
School of Architecture
1205 Architecture Building
405-6314

DR.. GREIG STEWART
College of Journalism
2115 Journalism Building
405-2390

DR. SYLVIA STEWART
Administrative Affairs
1132 Main Administration Bldg.
405-1109

Identification Cards

New Photo Identification Cards will not be issued to students who currently have them.

Students who registered early for the Fall 1990 session will receive a new Registration Card along with their Class Schedule and Bill. This card will validate the Photo Identification Card. Both cards should be carried at all times.

Students who have not registered will receive identification cards when they do register.

Together the Photo Identification Card and Registration Card can be used by all students to withdraw books from the libraries, for admission to most athletic, social, and cultural events, and as a general form of identification on campus. Students who have food service contracts must use the Photo Dining Services Card for admission to the dining halls.

There is a replacement charge of $1.00 for lost or stolen Registration Cards and $7.00 for lost, stolen, or broken Photo Identification Cards.

Questions concerning the identification system should be addressed to the Office of Registrations 314-8239.

International Student Information

F-1 Visa Students: Students with F-1 status are responsible for following the regulations of the U.S. Immigration and Naturalization Service pertaining to their F-1 status. The regulations affect extension of stay, transfers, off-campus employment authorization, practical training and course loads. The Office of International Education Services is the only authorized office on campus to sign documents which must be forwarded to the Immigration Service.

Students on Nonimmigrant Student (F-1 and J-1) Visas: In order to maintain full-time student status for immigration purposes, undergraduate students are expected to register for and complete a minimum credit load of 12 hours per semester; graduate students are expected to register for and complete a minimum of 48 graduate units per semester. The Office of International Education Services must be notified in advance if you are going to complete the semester below the required minimum course load. Please watch for announcements from the Office of International Education Services about future changes in immigration regulations.

Passports: Your passport must be kept valid at all times for at least six months into the future.

All Students on Immigration and Nonimmigration Visas: Every semester, you are required to notify the Office of International Education Services of any change in your address and/or telephone number, in addition to notifying the Office of Registration and Records. You will be required to show proof of health insurance.

International Students Information and Questions: The Office of International Education Services, Room 3116A, Mitchell Building. Phone 314-7740.

Job Referral Service

The Job Referral Service, an extension of the Office of Student Financial Aid, maintains listings of available part-time, temporary, and summer jobs located on and off campus. There is no financial evaluation to determine the eligibility for positions listed. The jobs are offered independent of need.

This service is available at no cost to prospective employers and students. Employers list their vacancies through our office by calling 314-8323. Students must be enrolled for the current semester at the University of Maryland, College Park campus or University College. Employment advising is available by appointment or on a walk-in basis.

The Job Referral Service is located in Room 3120 Hornbake Library (South Wing) and is open Monday-Friday from 8:30 a.m.-4:30 p.m. Students are encouraged to stop by or call 314-8324 for more information about the service.

Off-Campus Housing Service

The Office of Commuter Affairs provides a free listing and referral service for all students, faculty and staff of the University who are seeking housing or have a property to rent. The office is located in 1195 Stamp Student Union and is open Monday-Friday, 8:30 a.m.-4:30 p.m., 314-3645.

Office of Public Service

The Office of Public Service provides information and liason to outside callers interested in using the resources of any of the University of Maryland System's eleven member institutions and major components. Help is available to staff and students, too. Publications include the UMS public service directory *Toward Closer Ties* and the economic and community development brochure "UMS: Your Partner In Progress." Public Service Hotline: 853-3674 or long distance 1-800-477-TIES.

Policy on Non-Discrimination

The University of Maryland is an equal opportunity institution with respect to both education and employment. The University's policies, programs and activities conform to pertinent federal and state laws and regulations on non-discrimination regarding race, color, age, national origin, sex, and handicap. Inquiries regarding compliance with Title VI of the Civil Rights Act of 1964 as amended, Title IX of the 1972 Education Amendments, Section 504 of the Rehabilitation Act of 1973, or related legal requirements should be directed to the appropriate individuals designated below.

Campus Compliance Officer
Office of Human Relations Programs
Room 1107, Hornbake Library
University of Maryland, College Park
College Park, Maryland 20742

Campus Coordinator for 504 of the
Rehabilitation Act of 1973
Room 2101, Main Administration Building
University of Maryland, College Park
College Park, Maryland 20742

Policy on Participation by Students in Class Exercises that Involve Animals

Students who are concerned about the use of animals in teaching have the responsibility to contact the instructor, prior to course enrollment, to determine whether animals are to be used in the course, whether class exercises involving animals are optional or required and what alternatives, if any, are available. If no alternatives are available, the refusal to participate in required activities involving animals may result in a failing grade in the course. Departments including courses where animals are used must actively inform students of such courses, including but not limited to, notices in the Catalog.

The University of Maryland, College Park Campus, affirms the right of the faculty to determine course content and curriculum requirements. The University, however, also encourages faculty to consider offering alternatives to the use of animals in their courses. In each course, the instructor determines whether the use of animals in classroom exercises will be a course requirement or optional activity. The following departments currently have courses that may require animals to be used in class activities: Animal Sciences, Human Nutrition and Food Systems, Microbiology, Poultry Science, Psychology, Veterinary Medicine, and Zoology.

Repeat Policy

The University of Maryland has instituted a new REPEAT POLICY effective Fall 1990.

1. **There is a limit to the number of times a student may repeat a course.** Students may have one repeat of any given course in which a grade of A,B,C,D,F,P,S, or W has been earned on their records. No student may be registered, after the schedule adjustment period, for any given course more than two times. An exception allowing one additional repeat in a course may be granted by a dean's office. When requesting such an exception, a student must present a plan for successfully completing the course.
2. **There is also a limit on the number of corses that a student may repeat.** The total number of different course that may be repeated by a student will be a function of his/her class standing when admitted to the University of Maryland College Park. The following table will be applied.

Credits at Entry	Class	Repeatable Credits
0-27	Freshman	18
28-55	Sophomore	14
56-85	Junior	10
86+	Senior	6

An exception to these limitations may be obtained under very unusual circumstances by an appeal to the Vice President for Academic Affairs/Provost.

3. All attempts at a given course resulting in a grade of A,B,C,D, or F will be included in the computation of the grade point average. However, the following two exceptions are made to assist the adjustment to the campus of students admitted as freshmen to College Park, and students transferring to the College Park campus from other institutions of higher learning. Grades in courses will be dropped from the cumulative grade point average if they are subsequently repeated with a higher grade provided that:
   A) They are earned during the first semester of residence at College Park,
   or
   B) The student's first registration in the class for which the grade is to be dropped is during or prior to the semester in which the student reaches the 24 credit limit (the total number of credits earned at College Park plus credits transferred to College Park from other institutions of higher education).
   Any grade earned in prior attempts of a repeated course will appear on the student's transcript, regardless of whether the grade is dropped from or averaged into, the cumulative grade point average.

Implementation Procedure

1. All new freshmen or transfer students from *other* than Maryland Community Colleges matriculating at UMCP for the Fall 1990 semester will be required to follow the new policy.
2. Students who matriculated at UMCP or at a Maryland Community College prior to Fall 1990 will be eligible for the old repeat policy.
3. Students who enter UMCP for summer 1990 will be under the old repeat policy.
4. Students who matriculated at another University of Maryland System institution and began at UMCP Fall 1990 or after will be under the new repeat policy.
5. Students may register for a course only twice unless granted an exception by the Dean of their College. Exceptions granted by a Dean *will* be counted against the credit limit for repeats *unless the Dean requests otherwise.*
6. In addition to the grades specifically listed in the policy, these additional marks will count as attempts in the repeat program: I, NGR, Audit.
7. The credits at entry will be based on *acceptable* transfer credit.
8. All attempts will be averaged except: when the course is taken within the student's first 24 credit hours (including transfer credit) or when the course is taken in the students first semester at UMCP.
9. All courses taken within the term that a student reaches the 24 credit hour threshold can be repeated with only the higher grade included in the cumulative grade point average.

Sexual Harrassment

A revision of the 1980 statement of sexual harrassment has been issued by The President's Office. The statement, entitled Campus Policy and Procedures on Sexual Harrassment, may be obtained by calling the Human Relations Office, 405-2838.

Shuttle-UM

Shuttle—UM offers commuter transit, night campus security transportation, charter service, and special service for disabled students. Commuter and evening schedules are available at the Stamp Union Information Desk, the Office of Commuter Affairs, and at the Shuttle-UM Office in Lot 7. For information, paratransit scheduling, or chartering call 314-2255 (X CALL). Shuttle-UM is a student operated transit service. For employment information, call 314-2255.

Smoking Policy

The policy of the College Park campus is to achieve a public environment as close to smoke-free as practicably possible.

The campus smoking policy is comprised of the following guidelines:

Smoking is prohibited in indoor locations where smokers and non-smokers occupy the same area. This includes academic areas such as: classrooms, lecture halls, laboratories, and libaries. Other no smoking areas include: conference rooms, indoor athletic facilities, theatres, retail stores, health facilities, and common/public areas such as: stairwells, elevators, lobbies, hallways, reception areas, and restrooms.

As a general rule, preferential consideration shall be given to non-smokers whenever it is clear that they are being exposed involuntarily to smoke. This policy relies on the thoughtfulness, consideration, and cooperation of smokers and non-smokers for its success. It is the responsibility of all members of the campus community to observe the Smoking Policy and Guidelines, and to direct those who choose to smoke to designated 'Smoking Permitted' areas.

Student Employment Center

The Student Employment Center is a centraiized service for undergraduate students seeking on-campus employment within the Departments of Resident Life and Residential Facilities. The SEC maintains job descriptions of all the positions for which the Departments are recruiting and hiring. Positions include but are not limited to: desk receptionist, Resident Assistants, security staff, pest control crew, and building and grounds maintenance. The SEC provides a free service to all undergraduate students at the University of Maryland.

The Student Employment Center is located in Room 0117 of Cumberland Hall. Hours are: Monday-Friday 8:30 to 4:30. Telephone: 314-5111.

Study Abroad

Advising is available on study, travel, and work abroad opportunities. Listed below are study programs sponsored by the University of Maryland. If you do not see a program that interests you, advisors can refer you to numerous other programs sponsored by U.S. and foreign institutions.

Study in London — The curriculum consists of courses in the Humanities, Business and the Social Sciences which focus on Britain. Students are housed with families or in flats to increase their immersion in British life.

Study in Israel — Offers a semester of study in Israel for the Spring Semester. The program includes a four-day orientation in Tel Aviv and Jerusalem, a kubbutz stay and an intensive Hebrew language course. Students then attend Tel AvivUniversity where they take courses taught in English that focus on Israeli and middle East studies.

Study in China — Offers intensive Chinese language at the beginning to advanced levels during a spring semester in Beijing.

Study in Denmark — The curriculum offers courses in English focusing on contemporary Europe. Students housed with families or in dorms.

Study in Brazil — Offers courses in Portuguese at the Pontifical Catholic University of Rio de Janeiro.
Study in France — This program offers special courses for foreigners or regular courses at the University of Nice for a full year or spring semester.
Summer programs — For 1991 the following will be offered: German language in Kassel, West Germany, Spanish Language in Madrid, Spain, architecture in Rome and Tunisia.
Maryland Exchanges — there are exchanges with schools in England, Japan, Austria and Germany. All require at least 2 years of appropriate language study and a 3.0 G.P.A.
FOR INFORMATION, CONTACT: Study Abroad Office, 3125 Mitchell Building, 314-7746.

Veterans Benefits

Students attending the University under the Veteran's Education Assistance Act may receive assistant and enrollment certification at the Veterans Certification Office in Records and Registrations on the 1st floor of the Mitchell Building. The Staff is available to assist regarding monthly educational assistance checks as well as other benefits such as tutoring assistance and vocational rehabilitation services. Telephone 314-8239.
It is the responsibility of veterans and dependents receiving VA benefits to notify the Veterans Certification Office of every change of course or program. The following types of changes must be reported: credit level or grading option change, change of major, change of address, graduation, academic dismissal or reinstatement actions, and intent to transfer from the College Park Campus. The University Veterans Office is required to notify the U.S. Veterans Administration Office of the above changes to prevent delays in receipt of benefits.

Transcript Services

An unofficial transcript will be available with your early registration materials each semester. This copy is for your personal use and serves as a way for you to check the accuracy of the record. At other times unofficial transcripts are not available unless required for on-campus advisement purposes for currently enrolled students. They are available at Deans' offices on campus.
If you have need of record information for other purposes, please request an official transcript at the Records and Registrations Office, Mitchell Building. Upon presentation of identification students who have been enrolled since 1985 receive their official transcript on the spot. If you are unable to come in person, written requests may be mailed to our office. Generally requests are processed the following day. A transcript cannot be processed if an outstanding debt is owed to the University. Contact the Records and Registrations Office (314-8240) if you have further questions.

Tutorial Services

FREE tutorial services are available to all UMCP students for most 100- and 200-level courses. Students will be tutored by highly skilled, selectively chosen graduate and undergraduate students. To request tutoring, go to the office of Intensive Educational Development (IED), Room 0112 Chemistry Building. You will be assigned a tutor at that time, or shortly thereafter. It is advisable to submit requests for tutoring **early** in the semester.
Students interested in becoming tutors should call 405-4751 or go to Room 0112 Chemistry Bldg. to pick up an application and to obtain further information.
Our office also maintains an extensive collection of past exams and quizzes for courses in chemistry, math, and various other subjects, which students may request, copy and return. To request past examination papers, go to Room 0112 Chemistry Bldg. You must present a valid University ID before receiving any past exam papers.

UMCP Libraries

UMCP Libraries include about 2 million volumes, approximately 3.6 million microform units, and approximately 22,000 current periodicals and newspapers, as well as 600,000 government documents, over 100,000 maps and 78,000 nonprint media sources. Reference sources, both automated and print, provide up to date and effective access to information.
The **Theodore R. McKeldin Library** is the main library of the UMCP library system, containing automated and printed reference works, periodicals, circulating books, and other materials to support mainly the graduate and research programs of the University in the life sciences, social sciences and humanities. Special collections housed here include literary manuscripts and collections, the East Asia Collection, Maryland state documents and Maryland related books and manuscripts and University of Maryland archives.
The **Hornbake Library** houses reference, circulation, and reserve services aimed for undergraduates, and has a study room open 24 hours a day during spring and fall semesters. The Nonprint Media Services Department on the fourth floor of Hornbake Library features color video tape players and playback units, enclosed rooms equipped with instructor's consoles for the use of nonprint media materials, dial access capabilities for instructional purposes, as well as tapes, records and films for use of the University community. U.S. Government Documents and maps are housed temporarily in the Hornbake Library until the renovation of McKeldin Library is complete.
Besides Hornbake Library, other branch libraries include:
- **Art Library** (Art-Sociology Building)
- **Architecture Library** (Architecture Building)
- **Engineering and Physical Sciences Library** (Mathematics Building)
- **Music Library** (3rd floor, Hornbake Library)
- **White (Chemistry) Memorial Library** (Chemistry Building)

All UMCP student, faculty, and staff may borrow from all UMCP Libraries.

UMaps

"Find Yourself" at UMCP. UMaps highlight campus opportunities by helping you to identify courses, clubs, activities, internships, and employment related to your particular areas of interest. Look for UMaps posted around campus, and pick up your personal copies at the Office of Commuter Affairs, 1195 Stamp Student Union, 314-3645.

University Policy on Disclosure of Student Records (Buckley Amendment)

The University of Maryland adheres to a policy of compliance with the Family Educational Rights of Privacy Act (Buckley Amendment). With certain limitations, this Act requires and it is the policy of the University:
(1) To permit students to inspect their education records.
(2) To limit disclosure to others of personally identifiable information from education records without student's prior written consent.
(3) To provide students the opportunity to seek correction of their education records where appropriate.
Prior consent will not be required for disclosure of educational records to school officials of the University of Maryland who have been determined to have legitimate educational interests.
Certain information has been designated "Directory Information" and will be disclosed without prior consent unless a student files written notice. Directory information consists of:

Name	Participation in Officially Recognized Activities and Sports
Address	Weight and Height of Members of Athletic Teams
Telephone Listing	Dates of Attendance
Date and Place of Birth	Degrees and Awards Received
Photograph	Most Recent Provious Educational Institution Attended
Major Field of Study	

Students who wish to limit the disclosure of Directory information or wish access to their official records should obtain the appropriate form at the Registrations Counter. Mitchell Building, and return the completed form to the Registrations Counter. **Requests to limit disclosure of Directory information must be made within 3 weeks from the first day of the semester in which the student begins each school year. Such requests must be filed annually within the above allotted time.**
Students alleging University noncompliance with the Family Educational Rights and Privacy Act may file a written complaint with the Family Educational Rights and Privacy Office, United States Department of Education, 330 Independence Avenue, S.W., Washington, D.C. 20201.
For complete University policy on access to and release of student data information, see the current edition of the *Undergraduate Catalog*.

TEL-UM INFO—A Phone Service of Free Information

QUESTIONS ABOUT UM?
. . .Call TEL-UM for the answers to the most commonly asked questions. Easily accessible information and referral to the appropriate person or office for follow-up.

Local 314-INFO, 314-9515 and 314-9516

In Maryland—YOU MUST DIAL 1 (800) then 314-9517 for access / Outside Maryland (301) 314-INFO, 314-9515 and 314-9516

CALLING PROCEDURE:
- Select the tape number from the listing which you want to hear.
- Dial the appropriate phone number.
- Listen to the message library.
- Listen to the directions and push required number.
- Listen to the information.
- If you wish to hear another tape, stay on the phone and you will be able to select again.

HOURS OF OPERATION
TEL-UM INFO is available seven days a week, excluding holidays, according to the following schedule: 24 hours a day for those with touch tone phones and from 8:30 a.m.-11:30 p.m. for those with rotary phones.

TEL-UM TAPES

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106 — Application for Summer Sessions

II. Selective Majors Programs
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212 — BIOL 105
213 — BIOL 106
214 — BOTN 100
215 — CHEM 101
216 — CHEM 103
217 — EDCP 108
218 — ENGL 101, 101A, 101X
219 — ENTM 100
220 — ENTM 303
221 — ENTM 407
222 — GVPT 170
223 — HIST 156
224 — HIST 157
225 — JOUR 100
226 — CJUS 100
227 — MATH 001
228 — MATH 110
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241 — Tutoring Services
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285 — Community Health Resources
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332 — Coping With Shyness
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334 — How to Deal with Loneliness
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336 — Coping with Stress
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339 — Death and Dying
340 — Understanding Grief
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University College Students

University College students who wish to enroll at the College Park campus while continuing to pursue a degree program at University College must first obtain a letter of permission from University College.
In order to be eligible for a letter of permission,
- UMUC students must have completed a minimum of 15 semester hours of coursework with University College and have an overall grade point average of 2.0 for all University of Maryland coursework.
- Effective beginning Spring 1990: UMUC students who were previously academically dismissed from UMCP must have completed a minimum of 15 semester hours of coursework with University College, with at least a 2.5 grade point average for this coursework.

Eligible students may request a letter of permission by writing the UMUC Office of Student Services at the Center of Adult Education, Room 0300, or by calling 985-7262. Please request the letter at least three weeks prior to the date it is needed. Present the letter to registration officials at UMCP in order to complete your registration.
The deadline to submit a request form for a letter of permission for Fall 1990 is August 10.
Please note the following changes in University College's policy regarding letters of permission:
- Students may receive letters of permission for only two consecutive semesters, beginning Fall 1988.
- This new policy does not apply, however, to summer sessions, for which a letter of permission is no longer required; however, a Notification Form should be submitted to the UMUC Registrations Office prior to the student's summer registration at UMCP. Please call 985-7262 for more information or to request this form.
- All credits taken at UMCP will be evaluated by University College as transfer credit. Transfer will NOT be automatic. The grade received for UMCP coursework will not be used in calculating the University College grade point average.

College Locations and Deans

College	Location	Dean	Office	Phone
Agriculture	1224 Symons Hall	Dr. Paul H. Mazzocchi (Acting)	1224 Symons Hall	405-2080
Architecture	1298 Architecture	Prof. Steven W. Huytt	1212 Architecture	405-6284
Arts & Humanities	1111 Francis Scott Key	Dr. Robert Griffith	1102 Francis Scott Key	405-2109
Behavioral & Social Sciences	2115 Tydings Hall	Dr. Murray E. Polakoff	2127 Tydings	405-1697
Business & Management	2136 Tydings Hall	Dr. Rudolph P. Lamone	3140 Tydings	405-2299
Computer, Mathematical & Physical Sciences	2300 Math Bldg.	Dr. John E. Osborn (Acting)	2300 Math Bldg.	405-4906
Education	1210 Harold R. Benjamin (Education Bldg.)	Dr. Dale P. Scannell	3119 Harold R. Benjamin (Education Bldg.)	405-2334
Engineering	1131 Engineering Classroom Bldg.	Dr. George E. Dieter	1137 Engineering Classroom Bldg	405-3855
Graduate School	2nd floor, Lee Bldg.	Dr. Jacob Goldhaber	2133F Lee Bldg.	405-4176
Health and Human Performance	3310 Health and Human Performance Bldg.	Dr. John J. Burt	3310D HLHP Bldg.	405-2438
Human Ecology	1100 Marie Mount Hall	Dr. Laura Sims	1100 Marie Mount Hall	405-2358
Journalism	1117 Journalism Bldg.	Prof. Reese Cleghorn	2105 Journalism Bldg.	405-2381
Library & Information services	4105 Hornbake Library	Dr. Claude E. Walston	4105E Hornbake Library	405-2033
Life Sciences	1224 Symons Hall	Dr. Paul H. Mazzocchi (Acting)	1224 Symons Hall	405-2080
Public Affairs	2105 Morrill Hall	Dr. Michael Nacht	2105 Morrill Hall	405-6330
Undergraduate Studies	1115 Hornbake Library	Dr. Kathryn Mohrman	1115 Hornbake Library	405-9363

College Organizational Chart

COLLEGE OF AGRICULTURE
- VIRGINIA-MARYLAND REGIONAL COLLEGE OF VETERINARY MEDICINE — MARYLAND CAMPUS

DEPARTMENT OF
- AGRICULTURAL ENGINEERING
- AGRICULTURAL AND EXTENSION EDUCATION
- AGRICULTURAL AND RESOURCE ECONOMICS
- AGRONOMY
- ANIMAL SCIENCES
- HORTICULTURE
- POULTRY SCIENCE

INSTITUTE OF APPLIED AGRICULTURE
PROGRAMS CURRICULUM
- FOOD SCIENCE
- GENERAL AGRICULTURE
- NATURAL RESOURCES MANAGEMENT
- UNDECIDED

SCHOOL OF ARCHITECTURE

ARCHITECTURE AND ENGINEERING PERFORMANCE INFORMATION CENTER
CENTER FOR ARCHITECTURAL DESIGN AND RESEARCH
PROGRAMS/CURRICULUM:
- ARCHITECTURAL HISTORY
- DESIGN
- PRESERVATION
- TECHNOLOGY

COLLEGE OF ARTS AND HUMANITIES

DEPARTMENT OF:
- AMERICAN STUDIES
- ART
- ART HISTORY
- CLASSICS
- COMPARATIVE LITERATURE
- DANCE
- ENGLISH
- FRENCH AND ITALIAN LANGUAGES AND LITERATURES
- GERMANIC AND SLAVIC LANGUAGES AND LITERATURES
- HEBEW AND EAST ASIAN LANGUAGES AND LITERATURES
- HISTORY
- HOUSING & DESIGN
- LINGUISTICS
- MUSIC
- PHILOSOPHY
- RADIO/TELEVISION/FILM
- SPANISH AND PORTUGUESE LANGUAGES AND LITERATURES
- SPEECH COMMUNICATION
- THEATRE

PROGRAMS
- COMPARATIVE LITERATURE
- EAST ASIAN STUDIES
- JEWISH STUDIES
- ROMANCE LANGUAGES
- RUSSIAN AREA STUDIES
- WOMEN'S STUDIES

CENTERS
- ART GALLERY
- NINETEENTH CENTURY MUSIC
- RENAISSANCE AND BAROQUE STUDIES
- LANGUAGE HOUSE
- LANGUAGE MEDIA CENTER
- MARYLAND ENGLISH INSTITUTE

COLLEGE OF BEHAVIORAL AND SOCIAL SCIENCES

PROGRAMS/DEPARTMENTS:
- AFRO-AMERICAN STUDIES
- ANTHROPOLOGY
- CRIMINAL JUSTICE
- CRIMINOLOGY
- ECONOMICS
- GEOGRAPHY
- GOVERNMENT & POLITICS
- HEARING & SPEECH SCIENCES
- PSYCHOLOGY
- SOCIOLOGY
- URBAN STUDIES

BSOS COMPUTER LABORATORY
BUREAU OF BUSINESS AND ECONOMIC RESEARCH

CENTERS:
- CENTER FOR MINORITIES
- CENTER FOR POLITICAL LEADERSHIP AND DEVELOPMENT
- CENTER FOR INTERNATIONAL DEVELOPMENT AND CONFLICT RESOLUTION
- INDUSTRIAL RELATIONS AND LABOR STUDIES
- SURVEY RESEARCH

COLLEGE OF BUSINESS AND MANAGEMENT

CENTER FOR BUSINESS AND PUBLIC POLICY
CENTER FOR INNOVATION
CENTER FOR MANAGEMENT DEVELOPMENT
CENTER FOR PRODUCTIVITY AND QUALITY OF WORKING LIFE
SMALL BUSINESS DEVELOPMENT CENTER
PROGRAMS/CURRICULUM:
- ACCOUNTING
- BUSINESS & MANAGEMENT — GENERAL
- DECISION AND INFORMATION SCIENCES
- FINANCE
- MANAGEMENT SCIENCE
- MARKETING
- PERSONNEL & LABOR RELATIONS
- PRODUCTION MANAGEMENT
- STATISTICS
- TRANSPORTATION

COLLEGE OF COMPUTER, MATHEMATICAL, AND PHYSICAL SCIENCES

DEPARTMENT OF
- COMPUTER SCIENCE
- GEOLOGY
- MATHEMATICS
- METEOROLOGY
- PHYSICS AND ASTRONOMY

CENTER FOR AUTOMATION RESEARCH
INSTITUTE FOR ADVANCED COMPUTER STUDIES
INSTITUTE FOR PHYSICAL SCIENCE AND TECHNOLOGY
LABORATORY FOR PLASMA AND FUSION ENERGY STUDIES

COLLEGE OF EDUCATION

DEPARTMENT OF
- COUNSELING AND PERSONNEL SERVICES
- CURRICULUM AND INSTRUCTION
- EDUCATION POLICY PLANNING AND ADMINISTRATION
- HUMAN DEVELOPMENT
- INDUSTRIAL TECHNOLOGICAL AND OCCUPATIONAL EDUCATION
- MEASUREMENT STATISTICS AND EVALUATION
- SPECIAL EDUCATION

CURRICULUM LABORATORY
CENTER FOR EDUCATIONAL RESEARCH AND DEVELOPMENT
EDUCATIONAL TECHNOLOGY CENTER
CENTER FOR YOUNG CHILDREN
OFFICE OF LABORATORY EXPERIENCES

COLLEGE OF ENGINEERING

DEPARTMENT OF
- AEROSPACE ENGINEERING
- AGRICULTURAL ENGINEERING (See also College of Agriculture
- CHEMICAL AND NUCLEAR ENGINEERING
- CIVIL ENGINEERING
- ELECTRICAL ENGINEERING
- FIRE PROTECTION ENGINEERING
- MECHANICAL ENGINEERING

CENTER FOR MINORITIES IN SCIENCE & ENGINEERING
COOPERATIVE EDUCATION
ENGINEERING RESEARCH CENTER
INSTRUCTIONAL TELEVISION
SYSTEMS RESEARCH CENTER

COLLEGE OF HEALTH AND HUMAN PERFORMANCE

DEPARTMENT OF:
- HEALTH EDUCATION
- KINESIOLOGY
- RECREATION

CENTER ON AGING

COLLEGE OF HUMAN ECOLOGY

DEPARTMENT OF:
- FAMILY AND COMMUNITY DEVELOPMENT
- HUMAN NUTRITION AND FOOD SYSTEMS
- TEXTILES AND CONSUMER ECONOMICS
- UNDECIDED

COLLEGE OF JOURNALISM

CENTER FOR RESEARCH IN PUBLIC COMMUNICATION
COLLEGE OF JOURNALISM
ADVERTISING
BROADCAST NEWS
NEWS EDITORIAL
- —MAGAZINE
- —NEWS
- —PHOTOJOURNALISM

PUBLIC RELATIONS

COLLEGE OF LIBRARY AND INFORMATION SERVICES

COLLEGE OF LIFE SCIENCES

DEPARTMENT OF
- BOTANY
- CHEMISTRY AND BIOCHEMISTRY
- ENTOMOLOGY
- MICROBIOLOGY
- ZOOLOGY

MARINE AND ESTUARINE ENVIRONMENTAL STUDIES PROGRAM
WATER RESOURCES RESEARCH CENTER
PROGRAMS/CURRICULUM
- GENERAL BIOLOGICAL SCIENCES
- UNDECIDED

SCHOOL OF PUBLIC AFFAIRS

PROGRAMS:
- ENVIRONMENTAL POLICY
- NATIONAL SECURITY STUDIES
- PUBLIC POLICY AND PRIVATE ENTERPRISE
- PUBLIC SECTOR FINANCIAL MANAGEMENT
- SOCIAL POLICY

BUREAU OF GOVERNMENTAL RESEARCH
CENTER FOR INTERNATIONAL SECURITY STUDIES AT MARYLAND
- ECONOMICS AND NATIONAL SECURITY PROGRAM
- NUCLEAR HISTORY PROGRAM
- WOMEN IN INTERNATIONAL SECURITY

INSTITUTE FOR PHILOSOPHY & PUBLIC POLICY
SEMINAR ON THE FOREIGN POLICY PROCESS

UNDERGRADUATE STUDIES

UNIVERSITY HONORS PROGRAM
GENERAL STUDIES PROGRAM (CLOSED)
INDIVIDUAL STUDIES PROGRAM
ALLIED HEALTH PROFESSIONS
PRE-DENTISTRY
PRE-MEDICAL
PRE-LAW
EXPERIENTIAL LEARNING PROGRAMS
UNDERGRADUATE ADVISING CENTER
CAREER DEVELOPMENT CENTER
INTENSIVE EDUCATIONAL DEVELOPMENT PROGRAM
UPWARD BOUND
RETENTION OFFICE
TALENT SEARCH

18 Advisor List

Course Numbering System (All Students)

UNDERGRADUATE — eligible to register for courses numbered 000-499.

GRADUATE — eligible to register for courses numbered 400-899.

Course Numbering System

Number	Eligibility
000-099	Non-credit course
100-199	Primarily freshman course
200-299	Primarily sophomore course
300-399	Junior, senior course not acceptable for credit toward graduate degrees
400-499	Junior, senior course acceptable for credit toward some graduate degrees
500-599	Professional School course (Dentistry, Law, Medicine) or post-baccalaureate course
600-899	Course restricted to graduate students
799	Masters Thesis credit
899	Doctoral dissertation credit
	NOTE: Courses with last digit of 8 or 9 can be repeated for additional credit

Graduate Student Academic Information

See pages 7 and 8 for Graduate Student Registration Procedures

Advisement: Graduate students registering for courses must have the approval of their program advisors in order to make certain that the minimum Graduate School and program requirements are being satisfied. See page 8 for specific advising procedures required by your program.

Full Time Status: Effective August 1973, official status (either full-time or part-time) for academic purposes will be determined on the basis of a student's registration at the end of the Schedule Adjustment Period. The Schedule Adjustment Period is defined as the first ten days of classes.

To be certified as a full-time student a graduate student must be officially registered for a combination of courses equivalent to 48 units per semester. Graduate assistants holding regular appointments are full-time students if they are registered for at least 24 units in addition to the assistantship. Courses taken for Audit do not generate graduate units and cannot be used in calculating full-time or part-time status.

Table for Computing Graduate Units

Course Number	Graduate Unit
000-399	2 units per credit hour
400-499	4 units per credit hour
500-599	5 units per credit hour
600-898	6 units per credit hour
799	12 units per credit hour
899	18 units per credit hour

Program Changes: Graduate students wishing to change programs or degree objectives must submit a new application to the Graduate School. Current deadlines for new applications apply.

Pass-Fail: Graduate students are not eligible for the Pass-Fail grading option for courses numbered 400 and above.

Undergraduate Academic Information

Advising (Undergraduate Students)

Academic advising is an essential part of an undergraduate's educational experience at the University of Maryland. It is available to all students at College Park, but it is the responsibility of the student to make arrangements for advising with the appropriate person. Students are encouraged to use the many advisement opportunities available.

NOTE: For the following groups advising is mandatory:

Newly admitted freshmen and transfer students, concurrent enrollment students, students on academic warning, students seeking reinstatement after dismissal or withdrawal, students nearing senior status, students not meeting fundamental studies requirements, student athletes, and students in certain majors and colleges.

Students in pre-majors: see advisor lists below.

Undergraduate advisors, their room numbers and telephone extensions are listed below. Students who are unable to locate an advisor, or who have questions about campus advising programs should visit or call the Undergraduate Advising Center, Room 1117, Hornbake Library, 314-8418.

Academic Advisors

COLLEGE OF AGRICULTURE			
General Information			
Dr. Paul H. Mazzocchi, Acting Dean		SYM-1224	405-2080
Dr. William J. Higgins, Acting Associate Dean		ZOP-2224	405-6912
Dr. Albert J. Klavon, Assistant Dean		SYM-1224	405-2080
Dr. Amel Anderson, Assistant Dean		SYM-1224	405-2085
Dr. Ronald J. Seibel, Assistant Dean (Acting)		JUL-2123	405-4685
AGRICULTURAL & RESOURCE ECONOMICS			
	Cain, J.	SYM-2106	405-1265
	Foster, P. (Coord.)	SYM-2102	405-1270
	Hardie, I.	SYM-2112B	405-1272
	Horowitz, J.	SYM-2108	405-1273
	Leathers, H.	SYM-3200F	405-1277
	Lessley, B.	SYM-2213	405-1278
	Tuthill, D.	SYM-2220	405-1269
	Wysong, J.	SYM-2214	405-1288
AGRICULTURAL ENGINEERING			
	Shermohammadi, A.	SHR-1108	405-1185
	Stewart, L.E.	SHR-1130	405-2223
AGRICULTURAL & EXTENSION EDUCATION			
	Miller, M.	SYM-0222	405-2333
AGRONOMY			
Crops	McIntosh, M.	HJP-0111	405-1327
Soils	Weil, R.	HJP-1103	405-1311
Turf & Urban Agronomy	Carroll, M.	HJP-1114	405-1336
Conservation — Soil, Water & Environment	Weil, R.	HJP-1103	405-1311
ANIMAL SCIENCE			
Coordinator	DeBarthe, J.	ANS-1103	405-1374
Dairy/Livestock	DeBarthe, J.	ANS-1103	405-1374
Poultry	Doerr, J.	ANS-3129A	405-5775
COMBINED DEGREE CURRICULUM			
College of Agriculture	DeBarthe, J.	ANS-1103	405-1374
Veterinary Medicine	Ingling, A.	GVC-1219	935-6083
FOOD SCIENCE			
	Westhoff, D. (Coord.)	ANS-2113	405-1366
	Schlimme, D.	HZF-1122C	405-4347
GENERAL AGRICULTURE			
	Grant, L.P.	SHR-0102	405-1179
HORTICULTURE			
Crop Production & Science			
(A-J)	McClurg, C.A.	HZF-1122C	405-4342
	Graves, W.	HZF-1113	405-4338
(K-R)	Gouin, F.	HZF-1120A	405-4358
(S-Z)	Hershey, D.	HZF-1105A	405-4341
Landscape Design			
Freshman	Hamed, S.	HZF-2109B	405-4339
Sophomore	Scarfo, R.	HZF-2103	405-4346
Junior	Pihlak, M.	HZF-2109A	405-4350
Senior	Choose one from above		
NATURAL RESOURCES MANAGEMENT			
	Miller, M.	SYM-0218	405-1258
UNDECIDED	Grant, L.P.	SHR-0102	405-1179
SCHOOL OF ARCHITECTURE			
General Information			
Stephen Sachs, Associate Dean		ARCH-1298	405-6284

Advisor assignments available in Room 1298, Architecture.
PRE—ARCHITECTURE — Students admitted for Fall 1987 and later — Your advising location is the College of Arts & Humanities, Rm. 1111, Francis Scott Key Hall.

COLLEGE OF ARTS AND HUMANITIES			
Dr. Robert Griffith, Dean		KEY-1101	405-2109
College Advisor			
Undergraduates	Bondurant, D.	KEY-1111	405-2109
	DiPaolo, T.	KEY-1111	405-2109
	Moore, T.	KEY-1111	405-2109
General Information			
AMERICAN STUDIES PROGRAM	Kelly, G.	TLF-2140B	405-1354
ART	Kehoe, P.	ASY-1M320	405-1442
ART HISTORY	Venit, M.	ASY-4214	405-1479
CHINESE	Sargent, S.	JMZ-4223	405-2853
CLASSICAL HUMANITIES	Doherty, L.	JMZ-4210	
COMPARATIVE LITERATUE	Peterson, C.	JMZ-4223	405-2853
DANCE	Wiltz, A.	TEE	405-3180
ENGLISH	Loizeaux, B.	TLF-1122	405-3825
FRENCH & ITALIAN	Bondarant, D.	JMZ-3106F	
GERMAN	Fagan, S.	JMZ-3215	405-4091
GREEK	Staley, G.	JMZ-4210	
HEBREW	Berlin, A.	JMZ-4210	405-4239
HISTORY	Nicklason, F.	KEY-2116	405-4265
HOUSING AND DESIGN			405-4380
Advertising Design	Roper, J.	MMH-1401	405-3128
	Gripps, T.	MMH-1401E	
	Thorpe, J.	MMH-2407E	
	Dean, S.	MMH-2407D	
Interior Design	Eckersley, M.	MMH-1401D	
	Kjaer, D.	MMH-2407F	
Housing	Bonta, J.	MMH-1401	405-4377
	Chen, A.	PKT-1105	405-3128
JAPANESE	Kerkham, E.	JMZ-2106	405-4239
LATIN	Staley, G.	JMZ-4210	
LINGUISTICS	Lebeaux, D.	MIL-1113	405-7002
MUSIC	Jones, P.	TWS-2110	405-5549
PHILOSOPHY	Pasch, A.	SKN-119B	
RADIO, TELEVISION & FILM	Robinson, E.	TWS-0202	405-6264
RUSSIAN AREA STUDIES	Majeska, G.	KEY-2165	405-4265
RUSSIAN LANGUAGE & LITERATURE	Pfister, G.	JMZ-3215	
SPANISH & PORTUGUESE	Little, K.	JMZ-2202	
SPEECH COMMUNICATION	Dean, K.	TWS-0148A	
THEATRE		TWS-0238	
WOMEN'S STUDIES	Prete, S.	MIL-1115	
UNDECIDED MAJORS	Bondurant, D.	KEY-1111	405-2109

PRE-DESIGN AND PRE-RADIO, TELEVISION AND FILM — Students admitted for Fall 1987 and later — Your advising location is the College of Arts & Humanities.

COLLEGE OF BEHAVIORAL AND SOCIAL SCIENCES			
Dr. Murray Polakoff, Dean		TYD-2141	405-1679
Dr. Stewart Edelstein, Associate Dean		TYD-2141	405-1679
Dr. Katherine Pedro Beardsley, Assistant Dean		TYD-2141	405-1679
Dr. Diana Ryder Jackson, Assistant Dean		TYD-2141	405-1679
Ms. Chris Witherspoon, Assistant to the Dean		TYD-2141	405-1684
Mr. Thomas S. Hiles, Director of Development		TYD-2141	405-1687
ADVISEMENT AND RECORDS			
Coordinator of Academic Support Service	Scholl, G.	TYD-2115	405-1697
Records	Villamizar, A.	TYD-2115	405-1697
Candidate Clearance		TYD-2115	405-1697
Coordinator of Advising	Hillman, L.	TYD-2115	405-1697
College Academic Advisors	Marcks, L.	TYD-2115	405-1697
	Stedfield, R.	TYD-2115	405-1697
Minority Center	Langa, M.	LEF-2201	405-1708
UNDERGRADUATE PROGRAMS			
AFRO AMERICAN STUDIES PROGRAM	Asmons, L.	LEF-2169G	405-6959
ANTHROPOLOGY	Stuart, W.	WDS-0100	405-1435
CRIMINOLOGY, CRIMINAL JUSTICE	Wellford, C.	LEF-2220	405-4729
ECONOMICS	Meyers, P.	TYD-3145	405-3266
	McCullough, L.	TYD-3127	405-3266
GEOGRAPHY	Cirrincione, J.	LEF-1123	405-4073
GOVERNMENT & POLITICS	Lanning, E.	LEF-2181J	405-4124
HEARING & SPEECH SCIENCE	McCall, J.	LEF-0138	405-4214
PSYCHOLOGY	Scholnick, E.	ZOP-1107	405-8407
SOCIOLOGY	Mohegadam, L.	ASY-2108	405-6392
URBAN STUDIES	Mintz, S.	LEF-1159	405-6799

UNDECIDED — See a college advisor.
PRE-ECONOMICS — Students Admitted for Fall 1987 and later — your advising location is the College of Behavioral and Social Sciences, Rm. 2115, Tydings Hall.

COLLEGE OF BUSINESS AND MANAGEMENT			
Dr. Rudolph P. Lamone, Dean			
Dr. Burt A. Leete, Associate Dean			
Dr. Henry P. Sims, Director, Ph.D. Program			
Ms. Mary Anne Walkart, Director, Masters Programs			
Dr. J. G. Mattingly, Assistant Dean of Undergraduate Studies			
Dr. D. King, Director of Undergraduate Student Services			
Ms. Eleanor I. Warsinsky, Advisor Consultant			
Undergraduate Advisors	Mirhadi, S.	TYD-2136	405-2286
	Remmetts, L.	TYD-2136	405-2286
Records Office, Business	Pometto, J.	TYD-2136	405-2286
	Scott, T.	TYD-2136	405-2286

COLLEGE OF COMPUTER, MATHEMATICAL AND PHYSICAL SCIENCES			
Dr. John E. Osborn, (Acting Dean)		MTH-2300	405-4906
Undergraduate Academic Information			
Dr. Thelma M. Williams, Assistant Dean		MTH-2300	405-2286
Ms. Beverly J. Lucas, Advisor/Consultant		MTH-2300	405-2677
Student Records	Lucas, B.	MTH-2300	405-2677
	Coleman, R.	MTH-2300	405-2677
General Information			
ASTRONOMY	Matthews, T.	CSS-0223	405-3001
COMPUTER SCIENCE (special problems)	O'Leary, D	AVW-1109	405-2072
GEOLOGY	Wylie, A.	GEO-1115	405-4365
	Stifel, P.	GEO-1115	405-4365
MATHEMATICS	Lipsman, R.	MTH-1117	405-5053
PHYSICS	Crabill, J.	PHY-1120	405-5980
PHYSICAL SCIENCES	Williams, T.	MTH-2300	405-2677

PRE-COMPUTER SCIENCE AND PRE-ENGINEERING — Your advising location is Rm. 2300, Math Bldg.

COLLEGE OF EDUCATION

General Information
Dr. Dale Scannell, Dean
Graduate Student Services
Undergraduate Student Services

EDUCATION POLICY, PLANNING AND ADMINISTRATION		EDU-3119	405-2353
	Campbell, E.G.	EDU-1205	405-2350
	Lewis, A.	EDU-1210	405-2350
COUNSELING & PERSONNEL SERVICES	Carbone, R.	EDU-3112B	405-2374
	Agre, E.	EDU-2110E	
School Psychology	Finkelstein, B.	EDU-3112G	
	Hopkins, R.	EDU-2103	
	Huden, D.	EDU-2110D	
School Counseling	Lindsay, R.	EDU-0101C	
	Male, G.	EDU-0101A	
Community Counseling	Noll, J.	EDU-2110B	
College Student Personnel	Splaine, J.	EDU-2215	
Counseling Psychology	Rosenfield, S.	EDU-3214C	405-2858
	Pumroy, D.	EDU-3214B	
Rehabilitation Counseling	Teglasi, H.	EDU-3222	
	Strein, W.	EDU-3212	
Counseling & Consultation	Greenberg, K.	EDU-3222	
	Rhoads, D.	EDU-3234C	
CURRICULUM AND INSTRUCTION	Schlossberg, N.	EDU-3228	
		EDU-3128	
Early Childhood	Birk, J.	EDU-3216	
	Hoffman, M.	EDU-3218	
	Power, P.	EDU-3214A	
Elementary Education	Lawrence, R.	EDU-3234F	
	Hershenson, D.	EDU-3214C	
	Howe, A.	EDU-2311B	405-3324
	Amershek, K.	EDU-2207B	
	Fein, G.	EDU-0311F	
	Saracho, O.	EDU-1117	
	Eley, G.	EDU-2219	
	Herman, W.	EDU-2227	
	Jantz, R.	EDU-2229	
	Johnson, M.	EDU-2209	
	Roderick, J.	EDU-2231	
	Weaver, P.	EDU-2233	
Secondary Education			
Art	Craig, R.	EDU-2304C	
	McWhinnie, H.	EDU-2304C	
English/Speech	McCaleb, J.	EDU-2304J	
	Slater, W.	EDU-2311J	
Foreign Language	DeLorenzo, W.	EDU-2304G	
	Markham, P.	EDU-2223	
Math	Campbell, P.	EDU-2304F	
	Carey, D.	EDU-2204	
	Davidson, N.	EDU-2207A	
Music	Henkelman, J.	EDU-2223	
Physical Education	Folstrom, R.	TWS-3141	
Reading	Owens, L.	HHP-2338	
	Brigham, B.	EDU-1117	
	Davey, B.	EDU-2304K	
	Dreher, J.	EDU-1117	
	Gambrell, L.	EDU-1117	
	Wilson, R.	EDU-1117	
Science	Dierking, L.	EDU-2219	
	Holliday	EDU-0231	
	Layman, J.	EDU-0211	
Social Studies	Lockard, D.	EDU-0211	
	Cirrincione, J.	EDU-2227	
INDUSTRIAL, TECHNOLOGICAL AND OCCUPATIONAL EDUCATION	Farrell, R.	EDU-2227	
	Erekson, T.	JMP-3216	405-4539
Industrial Arts	Beatty, C.	JMP-3216J	
	Leutkemeyer, J.	JMP-3216H	
Industrial Technology	Elkins, R.	JMP-3216F	
	Mietus, W.	JMP-3216D	
	Sullivan, D.	JMP-3216S	
Vocational Education	Herschbach, D.	JMP-3216E	
	Stough, K.	JMP-3216B	
Business Education	Boyce, J.	JMP-2210	
	Peters, R.	JMP-2210C	
	Spear, M.	JMP-3216	
Home Economics Education	Hultgren, F.	JMP-2210	
HUMAN DEVELOPMENT, INSTITUTE FOR CHILD STUDY	Robertson-Tchabo, E.	EDU-3304	405-2827
	Tyler, B.	EDU-3304	
MEASUREMENT, STATISTICS AND EVALUATION	Lissitz, R.	EDU-1228	405-3624
SPECIAL EDUCATION	Angeletti, K.	EDU-1235	405-6515
	Beckman, P.	EDU-1311E	
	Burke, P.	EDU-1308	
	Cooper, D.	EDU-1308	
	Egel, A.	EDU-1311G	
	Graham, S.	EDU-1311F	
	Harris, K.	EDU-1308	
	Harry-Belcher, B.	EDU-0102	
	Hebeler, J.	EDU-1308	
	Kohl, F.	EDU-1311C	
	Leone, P.	EDU-1311B	
	Lieber, J.	EDU-0102	
	Malouf, D.	EDU-1220	
	Neubert, D.	EDU-0102	
	Noel, M.	EDU-2304	
	Simms, B.	EDU-1311D	
	Speece, D.	EDU-1308	

PRE-EDUCATION—Go to Room 1210 Education Building for advising assignment and information.

COLLEGE OF ENGINEERING

General Information
Dr. George Dieter
James Newton, Assistant to the Dean
Counselors

		EGR-1137	405-3868
		EGR-1131	405-3855
	Gahn, S.	EGR-1131	405-3855
	Reid, O.	EGR-1131	405-3855
Center for Minorities in Science and Engineering			
Rosemary Parker		EGR-1134	405-3878
Lawanda Saddler-Assem, Assistant Director		EGR-1134	405-3878
AEROSPACE	Barlow, J.	WTU-2102	405-6861
AGRICULTURAL	Stewart, L.	SHR-1130C	405-1198
CHEMICAL	Regan, T.	CHE-2139	405-1935
CIVIL	Garber, D.	EGR-1163	405-1952
ELECTRICAL	Pugsley, J.	EGR-3186	405-3685
FIRE PROTECTION	Bryan, J.	EGR-0147	405-2409
MECHANICAL	Walston, W.	EGR-2188	
NUCLEAR	Munno, F.	CHE-2309A	405-5207
Engineering Co-op Program	Sauber, H.	EGR-1137B	405-3862

PRE-ENGINEERING — Students admitted for Fall 1987 and later — Your advising location is the College of Computer, Math & Physical Sciences. Rm. 2300, Math Bldg.

COLLEGE OF HEALTH AND HUMAN PERFORMANCE

General Information
Dr. John Burt, Dean
Dr. Jerry Wrenn, Associate Dean
Lu Hoxie, Student Records
Program Advisors

		HHP-3310D	405-2438
		HHP-3310B	405-2438
		HHP-3310H	405-2442
KINESIOLOGY			
Kinesiological Sciences	Tyler, R.	HHP-2310	405-2473
Teacher Education and Pre-Phys. Educ.	Owens, L.	HHP-2338	405-2495
RECREATION			
Therapeutic Recreation, Outdoor Recreation, Administrative or Program Recreation	Annand, V.	HHP-2356	405-2508
HEALTH EDUCATION			
Community Health, School Health and Pre-Hlth.	Hyde, D.	HHP-2374	405-2523

PRE-HEALTH & PRE-PHYSICAL EDUCATION — Your advising location is the College of Health and Human Performance.
Pre-Health — Room 2374 Pre-Physical Education — Room 2338

COLLEGE OF HUMAN ECOLOGY

General Information
Dr. Laura Sims, Dean
Dr. Jo Paoletti, Assistant Dean
Student Affairs & Support Services Center

		MMH-1100F	405-2358
		MMH-1100D	405-2368
Advisors		MMH-1300	405-2365
Undergraduate Student Records	Hay, G.	MMH-1300	405-2369
FAMILY & COMMUNITY DEVELOPMENT			
Family Studies	Billingsley, A.	MMH-1204A	405-4002
	Anderson, E.	MMH-1204	405-4010
Management and Consumer Studies	Epstein, N.	MMH-1204C	405-4013
	Gaylin, N.	MMH-1204D	405-4005
	Lesle, L.	MMH-1204J	405-4011
	Myricks, N.	MMH-1204E	405-4007
	Rubin, R.	MMH-1204L	405-4004
	Werlinich, C.	MMH-1218B	405-4017
HUMAN NUTRITION AND FOOD SYSTEMS	Churaman, C.	MMH-1204F	405-4008
Dietetics	Hanna, W.		405-4005
	Koblinsky, S.		405-4009
Experimental Foods	Read, M.	MMH-3304B	405-2143
Food Services Administration	Curtis, S.	MMH-3307	405-4532
	Jackson, R.	MMH-3102	405-4533
Human Nutrition and Foods	Prather, M.	MMH-3306	405-4531
	Choi, Y.	MMH-3302	405-4524
TEXTILES AND CONSUMER ECONOMICS	Norton, V.	MMH-3215	405-4928
	Noble, J.	MMH-3307	405-4530
Apparel Design	Ahrens, R.	MMH-3301	405-4523
Tex. Mkt./Fashion Merch.	Moser-Veillon, P.	MMH-3308	405-4502
	Smith, B.	MMH-2100A	
Consumer Economics	Anderson, C.	MMH-2108	405-6672
	Dardis, R.	MMH-2106	405-6645
	Hacklander, E.		405-6673
	Wagner, J.	MMH-2100D	405-6649
	Brannigan, V.	MMH-1411	405-6667
	Dardis, R.	MMH-2106A	405-6645
	Ettensen, R.	MMH-2100F	405-6652
	Mokhtari, M.	MMH-0303C	405-6671
	Stapleton, D.		405-6638
Textiles	Whittington, L.	MMH-2108	405-6642
	Block, I.	MMH-2100H	405-6652
	Pourdeyhimi, B.	MMH-2108	405-6653
	Smith, B.	MMH-2100A	405-6657
	Spivak, S.	MMH-2100E	405-6651
	Yeh, K.	MMH-2100B	405-6647

COLLEGE OF JOURNALISM

Prof. Reese Cleghorn, Dean
Dr. Greig M. Stewart, Assistant Dean
Undergraduate Advisors

	JRN-1117	405-2381
	JRN-1117	405-2381
Bennett, M.	JRN-1117	405-2381
Fines, J.	JRN-1117	405-2381
Huang, C.	JRN-1117	405-2381
Vorhees, R.	JRN-1117	405-2381

COLLEGE OF LIBRARY & INFORMATION SCIENCES

Dr. Claude Walston, Dean
Student Records and General Information

	HBK-4105	405-2033
Diepenbrock, J.	HBK-4110	405-2038

COLLEGE OF LIFE SCIENCES

General Information
Dr. Paul H. Mazzocchi, Acting Dean
Dr. William S. Higgins, Acting Associate Dean
Dr. Albert J. Klavon, Assistant Dean
Dr. Amel Anderson, Assistant Dean

		SYM-1224	405-2080
		ZOP-2224	405-6912
		SYM-1224	405-2080
		SYM-1224	405-2085
BOTANY	Barnett, N. (Coord.)	HJP-1225	405-1597
	Berg, L	HJP-1225	405-1597
CHEMISTRY/BIOCHEMISTRY	Harwood, W. (Coord.)	CHM-1320	405-1791
ENTOMOLOGY	Armstrong, E. (Coord.)	SYM-2309	405-3925
MICROBIOLOGY			
(A,B)	Benson, S.	MCB-3136	405-5478
(C,D)	Capage, M.	MCB-3122	405-5474
(E,F,G,H)	Cook, T. (Coord.)	MCB-3115	405-5471
(I,J,K)	Hetrick, F.	MCB-1109	405-5444
(L,M)	Joseph, S.	MCB-2118	405-5452
(N,O,P,Q)	Smith, A.	MCB-2107	405-5443
(R,S)	Voll, M.	MCB-2114	405-5449
(T,U,V)	Weiner, R.	MCB-2111	405-5446
(W,X,Y,Z)	Yuan, R.	MCB-1119	405-5436
ZOOLOGY	Imberski, R.B. (Dir. Undergraduate Studies)	ZOP-2229	405-6904
	Barnett, A.	ZOP-3216	405-6923
	Goode, D.	ZOP-3264	405-6935
	Inouye, D.	ZOP-4206	405-6946
	Linder, H.	ZOP-3202	405-6934
	Small, E.	ZOP-3206	405-6895
GENERAL BIOLOGICAL SCIENCES	Olek, A. (Coord.)	ZOP-1201	405-6904
Animal Science Emphasis	Olek, A.	ZOP-1201	405-6904
Botany Emphasis	Motta, J.	HJP-4108	405-1654
Chemistry Emphasis	Klavon, A.	SYM-1224	405-2080
Ecology Emphasis	Olek, A.	ZOP-1201	405-6904
Genetic Emphasis	Olek, A.	ZOP-1201	405-6904
Marine Biology Emphasis	Olek, A.	ZOP-1201	405-6904
Microbiology Emphasis	Cook, T.	MCB-3115	405-5471
Physiology Emphasis	Olek, A.	ZOP-1201	405-6904
Zoology Emphasis	Imberski, R.B.	ZOP-2229	405-6904
Undeclared/Generalist	Barnett, N.	HJP-3214	405-1597
	Berg, L.	HJP-1225	405-1597
	Bottrell, D.	SYM-2126	405-1597
	Koines, P.	HJP-1227	405-1597
	Lamp, W.	TUR-3110	405-1597
	VanValkenburg, S.	HJP-3226	405-1597

UNDERGRADUATE ADVISING CENTER (UAC)

Dr. Betty Beckley, Assistant Dean

		HBK-1117	314-8418

UAC ADVISORS

Freshmen	Dr. Wendy Whittemore	HBK-1117	314-8418
Student Athletes	Tom Steen	HBK-1117	314-8418
Transfers	Bonnie Zager	HBK-1117	314-8418
Pre-Business	Stella Mirhadi	HBK-1117	314-8418
Human Ecology Interest Area	Susan Rodgers	HBK-1117	314-8418
General Advisors	Saba Bokhari	HBK-1117	314-8418
	Roger Dashevsky	HBK-1117	314-8418
	Maria Gomez	HBK-1117	314-8418
	John Guerrero	HBK-1117	314-8418
	Lisa Koch	HBK-1117	314-8418
	Joe Meko	HBK-1117	314-8418
	Lori Peck	HBK-1117	314-8418
	Harriet Nokuri	HBK-1117	314-8418
	Sara Russell	HBK-1117	314-8418
Pre-Law	Ulysses Connor, JD	HBK-1117	314-8418

Requirements for Satisfactory Academic Progress — Undergraduate Students

THE FOLLOWING STANDARDS FOR UNDERGRADUATE ACADEMIC PERFORMANCE BECAME EFFECTIVE IN THE FALL 1984 SEMESTER. THEY APPLY TO ALL UNDERGRADUATE STUDENTS ON THE COLLEGE PARK CAMPUS, WHETHER PREVIOUSLY ENROLLED OR NEWLY ADMITTED.

GRADE POINT AVERAGE (G.P.A.)

1. Requirements for satisfactory academic progress are based solely upon grade point average. This is computed by dividing the TOTAL NUMBER OF QUALITY POINTS accumulated in courses for which a grade of A, B, C, D, or F has been assigned by the TOTAL NUMBER OF CREDITS ATTEMPTED in those courses. Courses for which a grade of "P", "S", "I", or "NGR" has been assigned are NOT included in computing the G.P.A.
2. Each letter grade has a numberical value: A = 4; B = 3; C = 2; D = 1; F = 0. Multiplying this value by the number of credits for a particular course gives the number of quality points earned for that course:

A = 4
B = 3
C = 2
D = 1
F = 0

NUMBER OF CREDITS IN THE COURSE

TOTAL QUALITY POINTS FOR THE COURSE

3. When a course is REPEATED, only credits and quality points for the higher grade assigned for that course are counted in total credits attempted and total quality points.
4. An example of how a SEMESTER G.P.A. and a CUMULATIVE G.P.A. are calculated is given below:

Course	*Credits Attempted Attempted*	*Grade*	*Quality Points*
ENGL 101	3	C	6
MATH 110	3	B	9
ZOOL 101	4	A	16
PSYC 100	3	D	3
HIST 156	3	F	0
Current Semester Totals	16		34
Previous Semester Totals	27		74
	43		108

$$\text{SEMESTER G.P.A.} = \frac{\text{SEMESTER QUALITY POINTS}}{\text{SEMESTER CREDITS ATTEMPTED}} = \frac{34}{16} = 2.125$$

$$\text{CUMULATIVE G.P.A.} = \frac{\text{TOTAL QUALITY POINTS}}{\text{TOTAL CREDITS ATTEMPTED}} = \frac{108}{43} = 2.511$$

SATISFACTORY PERFORMANCE
A student whose cumulative G.P.A. is at least 2.00 will be considered as making satisfactory academic progress at the College Park campus.

Within any given semester, a student who completes 12 or more credits (excluding grades of 'P' and 'S') with a SEMESTER G.P.A. of 3,500, or higher, will be awarded **"ACADEMIC HONORS."** This notation will be placed on the student's transcript.

UNSATISFACTORY PERFORMANCE
Students with a CUMULATIVE G.P.A. of less than 2.00 fall into three categories: UNSATISFACTORY PERFORMANCE, ACADEMIC WARNING, and ACADEMIC DISMISSAL. The cumulative G.P.A. that defines each of these categories varies according to the CREDIT LEVEL as noted below.

CREDIT LEVEL = Courses with grades of A, B, C, D, F, P, S and transfer credit from other institutions, Advanced Placement, CLEP and other similar tests in which credit is given.

CREDIT LEVEL	*UNSATISFACTORY PERFORMANCE*	*ACADEMIC WARNING*	*ACADEMIC DISMISSAL*
0-13	1.999-1.290	1.289-0.230	0.229-0.000
14-28	1.999-1.780	1.799-1.280	1.279-0.000
29-56	1.999-1.860	1.859-1.630	1.629-0.000
57-74	1.999-1.940	1.939-1.830	1.829-0.000
75 OR MORE	—	1.999-1.940	1.939-0.000

1. Students whose cumulative G.P.A. falls within the **UNSATISFACTORY PERFORMANCE** category at the end of any semester will be urged, in writing, to meet with an advisor.
2. Students who receive an **ACADEMIC WARNING** will have that notation entered on their tranlscript and will be informed, in writing, to consult with an advisor prior to the beginning of the next semester. STUDENTS WHO DO NOT MEET WITH AN ADVISOR WILL NOT BE ALLOWED TO DROP OR ADD COURSES OR TO REGISTER FOR THE FOLLOWING SEMESTER.
3. **ACADEMIC DISMISSAL**
   A. Depending on the credit level attempted, students will be academically dismissed at the end of any semester when their CUMULATIVE G.P.A. falls into the ACADEMIC DISMISSAL range.
   B. After attempting 60 or more credits, any student who receives an ACADEMIC WARNING for TWO CONSECUTIVE SEMESTERS will be academically dismissed.
   C. No student transferring to the College Park Campus from OUTSIDE the University of Maryland system will be academically dismissed at the END OF THE FIRST SEMESTER if the cumulative G.P.A. is 0.23, or higher. After this first semester, the student will be subject to normal standards for academic progress. **NOTE: This provision does not apply to students reinstated or readmitted to the College Park Campus.** A transfer student is defined as a student who has attended any regionally accredited institution of higher education following graduation from high school and attempted 9 or more credits.

ADDING/DROPPING COURSES
1. The FIRST TEN DAYS OF CLASSES during the Fall and Spring semesters are designated as being the SCHEDULE ADJUSTMENT PERIOD. A similar period of time is set aside during both summer sessions.
2. During the schedule adjustment period, students may ADD courses. DROP courses, or CHANGE SECTIONS, PART-TIME STUDENTS should pay particular attention to DIRECTIONS/DEADLINES in the Schedule of Classes to avoid incurring additional charges.
3. Courses ADDED during the schedule adjustment period will appear on the student's permanent record along with courses previously listed.
4. Courses DROPPED during the schedule adjustment period will NOT appear on the student's permanent record.
5. **Drop Policy —** The DROP PERIOD for Undergraduate Studets will begin at the close of the Schedule Adjustment Period and terminate at the END OF THE TENTH WEEK OF CLASS. **DURING THE DROP PERIOD, A STUDENT MAY DROP A MAXIMUM OF FOUR CREDITS.** If a course is more than four credits, the student may drop the entire course. In the case of a variable credit course, the credit level may be reduced by up to four credits.

Courses dropped after the schedule adjustment period will be recorded on the student's transcript with a "W" notation. This mark is NOT used in computing the semester or cumulative G.P.A.

Repeating Courses

1. Students may have one repeat of any given course in which a grade of A,B,C,D,F,P,S, or W has been earned on their records. If a course is repeated in which a student already has earned a grade A,B,C,D,P, or S, the subsequent attempt will not increase the total credits earned toward the degree. All attempts at a given course resulting in one of the above noted grades will be included in the computation of the grade point average.
2. A student may register for a course NO MORE THAN TWO TIMES. A course dropped with a 'W' notation will count as one these two registrations.
3. Incompletes — The mark of 'I' cannot be removed through re-registration for the course or through "credit by examination."
4. For complete information on the new Repeat Policy see page 15 or your academic advisor.

ACADEMIC REGULATIONS

Students who need additional information about the STANDARDS FOR SATISFACTORY UNDERGRADUATE PROGRESS OR ABOUT OTHER ACADEMIC POLICIES AND REQUIREMENTS AT College Park should immediately contact an ACADEMIC ADVISOR in their college or department.

Full-Time Status

Effective August 1973, official status (either full-time or part-time) for *academic purpses* will be determined on the basis of a student's registration at the end of the Schedule Adjustment Period. The Schedule Adjustment Period is defined as the first ten days of classes.

UNDERGRADUATE — Full-time — Registered for 9 or more semester hours at the end of the Schedule Adjustment Period. Note, however, that students on scholarships and grants are expected to maintain a semester credit load of 12 hours. If the registration of a student with a scholarship or grant falls below the required credit hours, the scholarship or grant is automatically cancelled. Cancellation of a scholarship or grant without subsequent payment of amounts due will lead to an indebtedness to the University. Such indebtedness can in turn lead to severance of services by the University. Students are limited to **19 credit hours** per semester. Any exceptions must be approved by the Dean. Forms for this purpose will be available in the Dean's Office and should be turned in with Registration materials.

Foreign Language Placement

Students with prior experience in a foreign language are expected to enroll in courses at the highest level appropriate to their background. A student whose knowledge of a foreign language as deemed by the course chairperson to be above the level of the course requested by the student may not take that course except on an audit basis.

A student who is a native speaker and who is enrolling in a basic language course is expected to identify him/herself to the instructor to discuss proper placement.

NOTE: If you have taken an advanced placement exam in a foreign language contact the appropriate department to determine at which course level you should enroll.

Latin Courses: Students who have had Latin in high school are encouraged to work at the highest level of which they feel capable. The department advisor, Professor Lillian Doherty, located in room 4202 of Jimenez Hall, will help students identify the appropriate courses in which to enroll. Normally students with less than one year of high school Latin take LATN 101. Those who enter with a full year of high school Latin register for LATN 102; with two full years, LATN 201. College credit is given to students who have earned 4 or 5 on the Advanced Placement Test in Latin.

French Department: All students must present a copy of their high-school transcript (or college transcript for transfer students) to the instructor on the first day of instruction in order to enroll in FREN 101, 101H, 103, 203 or 121. FREN 101 (or the accelerated version, FREN 121, or the Honors version, 101H), is open to students who have never studied French or have studied less than two years in high school. FREN 102 (FREN 102H) is designed for students who have completed FREN 101 on this campus. FREN 103 is designed for students whose transcript shows completion of 2 years (Level 2) of elementary French; it is a review of work normally completed by the end of Level 2 in high-school. FREN 203 (or the accelerated version, FREN 122, or the Honors version, 203H) is designed for students whose transcript shows completion of 3 years (Level 3) of French. Exceptions may be granted only by permission of course chairperson. A student whose knowledge of French as deemed by the course chairperson to be above the level of the course requested by the student may not take that course except on an Audit basis.

Spanish Department: Students who wish to register for Spanish 101-205 must do so in accordance with the guidelines below. Any exception necesitates written permission from the Department of Spanish and Portuguese. Students must present their high school transcript for proper placement on the first day of class if they wish to enroll in SPAN 101, 102, 102H, 103, 203, or 204. See individual course descriptions for more details.

A student whose knowledge of Spanish as deemed by the undergraduate advisor or the course chairperson to be above the level of the course requested by the student may not take that course except on an audit basis. Students who have taken the equivalent of 203 at another institution, are deemed to have satisfied the language requirement for Arts and Humanities.

Students will not receive credit for SPAN 103 if they already have credit for Spanish 102. When a student receives credit for any course above 102, he/she will not receive credit for any course which precedes it if it is in the same sequence. For example, if a student has credit for SPAN 311 (Advanced Conversation), he/she may not receive credit for SPAN 205 (Intermediate Conversation), if taken subsequently.

Consult the Placement List below to determine the appropriate Spanish level you may register for. Please consult the Departmental Advisor for additional information about Advanced Placement Tests and other credit and placement questions.

Spanish 101
0 years of Spanish
Level 1 Spanish
Level 2 Spanish with a grade of C or below

Spanish 102
Spanish 101 at the University of Maryland or equivalent course at another university
Level 2 Spanish with a grade of A or B

Spanish 103
Level 2 Spanish with a grade of A or B
Level 3 Spanish with a grade of C or below

Spanish 203
Spanish 102 or 103 at the University of Maryland or equivalent course(s) at another university
Level 3 Spanish with a grade of A or B
Level 4 Spanish with a grade of C or below

Spanish 204 or 205
Spanish 203 at the University of Maryand or equivalent course(s) at another institution
Level 4 Spanish or higher with a grade of A or B

Spanish 204 for natives
For students who speak Spanish (e.g. have grown up speaking Spanish, have lived in a Spanish speaking country) but have little or no formal courses in Spanish

Chinese Placement: Non-majors are required to have an interview with the program placement advisor. Dr. Tsung Chin, before they will be permitted to enroll for any Chinese language course (excepting CHIN 403 and 404).

German and Spanish Placement Schedule: During the semester there will be placement testing in Room 0106, Shoemaker Building. To be admitted for testing, students must have a picture I.D. Testing will be on Tuesday, September 4 at 3:00 p.m and Wednesday, September 12 at 2:00 p.m. in the Testing Room, Shoemaker Building. Bring a picture I.D. in order to be admitted. All other times call D. Adelstein 314-7688 for an appointment.

College Foreign Language Requirements

College of Arts and Humanities Requirements: Students must demonstrate proficiency in a foreign language in one of the following ways:

1. Successful completion of a **12-credit sequence** or **intermediate level in college language courses.**
2. Successful completion of **level 4 in one language** or **level 2 in each of 2 languages** in high school.
3. Successful completion of a **language placement examination** in one of the campus language departments offering such examinations.

College of Journalism Requirement. Completion, either by course work or placement, at the intermediate level of foreign language study.

NEW CORE GENERAL EDUCATION PROGRAM

— SEE BELOW

Major Changes

If you wish to process a major change, go to the college associated with your desired new major to obtain approval, advisement information, and a "Change of Major" form.

Students contemplating a change in major to Architecture, Business & Management, Computer Science, Consumer Economics, Design, Economics, Education, Engineering, Journalism, or Radio, Television and Film, should contact the Office of Undergraduate Admissions, 454-4009, for additional information regarding special requirements for entrance into these programs. Students not admitted directly to these programs may choose a pre-major in these programs.

Second Major: A student wishing to complete a second major in addition to his/her primary major, must obtain written permission from both the Dean of the primary major college and the Dean of the secondary major college. Forms for application to a second major are available at all college offices.

NOTE: A student must be enrolled in the major program from which he or she plans to graduate when registering for the final 15 hours of the baccalaureate program.

Second Degree: Refer to the Undergraduate Catalog for Second Degree information.

Undergraduate Student Classifications

Freshman	1-27 semester hours	Junior	56-85 semester hours
Sophomore	28-55 semester hours	Senior	86 to at least 120 semester hours

Pass-Fail Option (Undergraduate Students)

1. To register for a course under the pass-fail option, an undergraduate must have completed 30 or more credit hours of college credit with a G.P.A. of at least 2.0. At least 15 of these credit hours must have been completed at UMCP with a University of Maryland G.P.A. of at least 2.0.
2. Courses for which this option applies must be electives in the student's program. The courses may not be college, major, field of concentration, or general education program requirements.
3. Only one course per semester or one course per summer session may be registered for under the pass-fail option.
4. No more than 12 semester hours of credit may be taken under the pass-fail option during a student's college career.
5. Students may not choose this option when re-registering for a course.
6. When registering under the pass-fail option, a course that is *passed* will count as *hours* in the student's record but will not be computed in the grade point average. A course that is *failed* will appear on the student's record and will be computed both in the overall average and in the semester average.

NOTE: CHANGES OF GRADING OPTION MAY BE PROCESSED ONLY DURING THE FIRST TEN DAYS OF CLASSES.

GRADUATE STUDENTS are not eligible for the PASS-FAIL grading option.

Zero-Level Courses

CHEM 001* ENGL 001* MATH 001* MATH 002*

Although these courses carry credit for billing and student classifiecation purposes, they are regarded as having zero credit for academic calculation purposes. Therefore, these courses are excluded from the calculation of credits registered at the end of the Schedule Adjustment Period, from the calculation of quality points and from the calculation of cumulative grade point averages.

*CHEM 001, ENGL 001, and MATH 001/002 fees are also discussed under Fees and Expenses

GENERAL EDUCATION REQUIREMENTS

The Purpose of General Education

In addition to completing a major course of study, students are required to complete a set of general education requirements. These requirements are intended to expose students to broad areas of historic and contemporary human thought and experience. General education permits a graduating student to make the claim that he or she is truly an "educated" person. In a world of rapid economic, social, and technological change, the importance of a broadly based education remains paramount. Important societal questions and problems demand answers based on the broad perspective afforded by general education. Participation in a democratic society requires more than the core training provided by the major field of study. It is general education which makes the University more than merely a job-training institution. General education requirements ensure that a wide range of abilities and knowledge is developed, and that students have the intellectual integration and awareness which will prepare them for the developments and changes they will experience in their personal, social, political, and professional lives.

At College Park, the general education program has three major components:

FUNDAMENTAL STUDIES: These courses are intended to establish the student's ability to participate in the discourse of the University through demonstrated mastery of written English and mathematics. These requirements ensure that every student will have the tools necessary for success in higher education, and in the world beyond.

DISTRIBUTIVE STUDIES: These courses cover the broad areas of knowlege with which each student should be familiar. They serve as an introduction to the different kinds of knowledge and nature of scholarship in the humanities, physical and life sciences, mathematics, and social sciences. Students generally take distributive courses in the first two years of their coursework.

ADVANCED STUDIES: These courses continue the broadening experience of the Distributive Studies courses, with the opportunity to cultivate higher-level critical thinking skills in the analysis of problems. They provide reflection upon contemporary problems in areas outside majors. Students take the advanced studies courses in their junior and senior years.

The general education requirements represent a third of the total academic work required for graduation and are designed to be spread throughout the student's four years of baccalaureate study.

Statement on Applicability of the New CORE Program and the USP Program

At College Park, the Campus Senate and the Board of Regents have recently approved a new general education program. This program, called CORE LIBERAL ARTS AND SCIENCES STUDIES **(CORE)**, must be completed by all students entering in May 1990 and thereafter with 8 or fewer credits from this or any other college. Students who enter and have completed nine (9) or more credits before May 1990 from this or any other college will complete their general education requiements under the UNIVERSITY STUDIES PROGRAM **(USP)**. They may, however, choose the new CORE program if they so desire. Each program is outlined below and lists of approved courses for each are provided.

Statement on Statute of Limitation for Previous GEP and GUR Programs

Undergraduate students returning or transferring to College Park after August 1987 will no longer have the option of completing general education requirements under the older General Education Program (GEP) or the General University Requirements (GUR). Therafter, following any substantive change in general education requirements, undergraduate students returning or transferring to College Park after a separation of five continuous years must follow the requirements in effect at the time of reentry. Exceptions may be granted to those students who at the time of separation had completed sixty percent (60%) of the general education requirements then in effect.

Students from Maryland public community colleges shall be treated as if registration dates were concurrent with enrollment at College Park. Other exceptions to this policy may be appealed to the Dean of Undergraduate Studies.

CORE Program Description

The CORE Liberal Arts and Sciences Studies Program (CORE).

This program must be completed by all students entering in May 1990 and thereafter with eight (8) or fewer credits from this or any other college. A course taken to satisfy college, major, and/or supporting area requirements may also be used to satisfy CORE requirements if that course appears on the list of approved courses for this program. Courses taken to satisfy CORE requirements **MAY NOT** be taken on a Pass/Fail basis.

FUNDAMENTAL STUDIES (CORE)

Nine (9) credits required. List of approved CORE courses follows CORE program outline.

1. Freshman Composition — 3 credits
   Exemptions: a. Students with SAT verbal score 600 or above.
   b. Students with an AP English score of 4 or 5.
2. Advanced Writing — 3 credits (Taken after completion of 56 credit hours.)
   Exemptions: Students with an A in ENGL 101 (**NOT ENGL 101A OR 101X**), except for students majoring in Engineering.
   (Note: No exemption is granted for achievement on the SAT verbal exam.)
3. Mathematics — 3 credits
   Exemptions: a. Students with an SAT math score of 600 or above.
   b. Students with College Board Achievement Test in Mathematics, Level I or II, score of 600 or above.
   c. Students with an AP score of 3 or above in Calculus AB or BC.
   d. Students with any CLEP Subject Examination in Mathematics score of 60 or above.

DISTRIBUTIVE STUDIES (CORE)

Twenty-eight (28) credits required. List of approved CORE courses follows CORE program outline.

Humanities and the Arts — 9 credits, 3 courses
- One literature
- One history and/or theory of arts
- One additional humanities and arts

Mathematics and the Sciences — 10 credits, 3 courses
No more than two courses from A or B, no more than one course from C. One must include or be accompanied by a laboratory.
- A. Physical Science
- B. Life Science
- C. Mathematics or formal reasoning

Social Science — 9 credits, 3 courses
- One social or political history
- Two behavioral and social science

ADVANCED STUDIES (CORE)

Six (6) credits required. List of approved courses will be available early in 1991. See your undergraduate advisor.

- One course in Analysis of Social & Ethical Problems.
- One of the following options:
  - A second course in Analysis of Social & Ethical Problems.
  - or
  - A course in Development of Knowledge.
  - or
  - An approved Capstone Course.

HUMAN CULTURAL DIVERSITY (CORE)

One (1) course required. List of approved core courses follows program outline.

Focus must be on (a) history, status, treatment, or accomplishment of women or minority groups and subcultures, or (b) non-Western culture. Course may, but need not be drawn from either Distributive or Advanced Studies; it may be satisfied with any major, supporting, or elective course from the approved list.

APPROVED COURSE LISTS FOR CORE PROGRAM

A course taken to satisfy college, major, and/or supporting area requirements may also be used to satisfy CORE requirements if it appears on the following list of approved courses for CORE. Courses used to satisfy CORE program requirements **MAY NOT** be taken on Pass/Fail basis. Please refer to page 21 for a complete statement on the Pass/Fail policy.

Not all courses are offered each semester. Check the current course listings for course availability Course numbers are subject to change. Please check with departments for verification of previous numbers.

FUNDAMENTAL STUDIES (CORE): Approved Courses

FRESHMAN COMPOSITION (CORE) 3 credits, one course:

ENGL	101	Introduction to Writing
ENGL	101A	(Must be taken if student has TSWE [SAT verbal subtest] score below 330)
ENGL	101X	(Students for whom English is a second language may register for ENGL 101X instead of ENGL 101. To register for ENGL 101X, a student must present one of the following: (1) a score of 550 on the TOEFL, or (2) a score of 220 on the Comprehensive English Language Test (CELT) administered at the College Park campus by the Maryland English Institute, or (3) successful completion of the Institute's semi-intensive course in English. Based on scores from either the TOEFL or CELT a student might be required to complete a program of English language instruction for non-native speakers through the Maryland English Institute **before** being allowed to register for ENGL 101X.)

ADVANCED WRITING (CORE) 3 credits, one course, taken after completion of 56 credit hours:

ENGL	391	Advanced Composition
ENGL	391X	Advanced Composition (ESL)
ENGL	392	Advanced Composition (Pre-Law)
ENGL	393	Technical Writing
ENGL	393X	Technical Writing (ESL)
ENGL	394	Business Writing
ENGL	395	Technical Writing (pre-med and health careers)

MATHEMATICS (CORE) 3 credits, one course:

MATH	110	Elementary Mathematical Models
	or	
MATH	115	Precalculus
	or	

Any 100 or 200 level mathematics or statistics course, except MATH 210 and 211

DISTRIBUTIVE STUDIES (CORE): Approved Courses

HUMANITIES AND THE ARTS (CORE) 9 credits, 3 courses:

CORE LITERATURE COURSES:

CHIN	213	Chinese Poetry into English: An Introduction
CHIN	315	Modern Chinese Literature in Translation
CLAS	100	Classical Foundations
CLAS	270	Greek Literature in Translation
CLAS	271	Roman Literature in Translation
CLAS	372	Classical Epic
ENGL	201	World Literature
ENGL	202	World Literature
ENGL	205	Introduction to Shakespear
ENGL	211	English Literature from the Beginnings to 1800
ENGL	212	English Literature from 1800 to the Present
ENGL	221	American Literature: Beginning to 1865
ENGL	222	American Literature: 1865 to the Present
ENGL	234	Introduction to Afro-American Literature
ENGL	240	Introduction to Literary Form: Fiction, Poetry, Drama
ENGL	241	Introduction to the Novel
ENGL	242	Fact and Fiction: Forms of Non-Fictional Prose
ENGL	243	Introduction to Poetry
ENGL	244	Introduction to Drama
ENGL	250	Women in Literature
FREN	241	Women Writers
FREN	242	Black Writers of French Expression in Translation
FREN	250	Readings in French
FREN	351	French Literature from the Revolution to the Present
FREN	352	French Literature from the Middle Ages to the Revolution
GERM	282	Germanic Mythology
GERM	285	German Film and Literature
GERM	349M	Yiddish Literature in Translation: Masterworks of Yiddish Literature
GERM	383	Viking Culture and Civilization
GERM	384	Germanic Chivalric Culture
GERM	389C	Topics in Germanic Culture: The Ancient Celts
GERM	389I	Topics in Germanic Culture: Ancient India
HEBR	223	The Hebrew Bible: Narrative
HEBR	224	The Hebrew Bible: Poetry and Rhetoric
HEBR	231	Jewish Literature in Translation
HONR	138A	Classical Mythology and the Arts
HONR	138B	Images of Masculinity in Twentieth Century American Film and Literature
HONR	138C	Thanatos: The Many Meanings of Death
HONR	138D	The Story: In Short
ITAL	251	Introduction to Italian Literature
ITAL	351	Italian Literature from Dante to the Renaissance
ITAL	352	Italian Literature from Renaissance to the Present
RUSS	328	19th Century Russian Literature in Translation
SPAN	221	Readings in Spanish
SPAN	222	La Celestina in its Spanish Cultural Context
SPAN	223	Rhetorical Strategies and Society in Golden Age Texts
SPAN	224	Violence and Resistance in the Americas
SPAN	321	Survey of Spanish Literature: 12th to 17th Century
SPAN	322	Survey of Spanish Literature: 18th to 20th Century
SPAN	323	Survey of Spanish-American Literature I
SPAN	324	Survey of Spanish-American Literature II

CORE ARTS COURSES:

AMST	205	Material Aspects of American Life
APDS	104	Survey of Design History
ARTH	100	Introduction to Art
ARTH	200	Art of the Western World I
ARTH	201	Art of the Western World II
ARTH	275	Art of Africa
ARTH	290	Art of Asia
DANC	200	Introduction to Dance
ENGL	245	Introduction to Film as Literature
HONR	138E	Art and Vision
HSAD	362	Ideas in Design
MUSC	130	Survey of Music Literature
MUSC	140	Music Fundamentals I
MUSC	210	The Impact of Music on Life
WMST	250	Introduction to Women's Studies: Women, Art, and Culture

CORE HUMANITIES COURSES:

AASP	200	African Civilization
AMST	201	Introduction to American Studies
AMST	203	Popular Culture in America
AMST	204	Film and American Culture Studies
EDPA	210	Historical and Philosophical Perspectives on Education
GERM	280	German-American Cultural Contrast
HIST	110	The Ancient World
HIST	112	The Rise of the West: 1500-1789
HONR	118A	In Search of Ancient Astronomies
LING	240	Language and Mind
PHIL	100	Introduction to Philosophy
PHIL	110	Plato's Republic
PHIL	140	Contemporary Moral Issues
PHIL	150	Self and Identity
PHIL	243	Philosophy of Rural Life
PHIL	245	Political and Social Philosophy I
PHIL	250	Philosophy of Science I
PORT	224	Brazilian Culture in English
RUSS	281	Russian Language and Pre-Revolutionary Culture
RUSS	282	Russian Language and Soviet Culture

MATHEMATICS AND THE SCIENCES (CORE) 10 credits, 3 courses:

Non-Laboratory Courses:
CORE PHYSICAL SCIENCES COURSES:

ASTR	200	Introductory Astronomy and Astrophysics
CHEM	121	Chemistry in the Modern World
ENES	389A	Selected Topics: How Things Work Technological Literacy for 1990s
ENME	111	Energy and Power Generation
GEOL	120	Environmental Geology
PHYS	101	Contemporary Physics
PHYS	111	Physics in the Modern World
PHYS	112	Physics in the Modern World
PHYS	161	General Physics: Mechanics and Particle Dynamics
PHYS	171	Introductory Physics: Mechanics

CORE LIFE SCIENCES COURSES:

AGRO	105	Soil and Environmental Quality
BOTN	211	Ecology and Mankind
ENTM	100	Insects
HONR	128C	Natural Science of Maryland

CORE MATH OR FORMAL REASONING COURSES:

CMSC	150	Introduction to Discrete Structures
HONR	128A	Science and Pseudoscience: An Investigative Approach
HSAD	370	Computers, Graphics, and Design
MATH	111	Introduction to Probability
MATH	140	Calculus I
MATH	141	Calculus II
MATH	220	Elementary Calculus I
MATH	221	Elementary Calculus II
MATH	240	Introduction to Linear Algebra
MATH	250	Analysis I (Honors)
MATH	251	Analysis II (Honors)
PHIL	271	Symbolic Logic I
STAT	100	Elementary Statistics and Probability

Laboratory Courses:
CORE PHYSICAL SCIENCE COURSES:

ASTR	100,110	or 111 Introduction to Astronomy and Astronomy Laboratory OR Observational Astronomy Laboratory (must be taken together)
CHEM	102	Chemistry of Man's Environment
CHEM	103	General Chemistry I
CHEM	105	Principles of General Chemistry I
CHEM	113	General Chemistry II
CHEM	115	Principles of General Chemistry II
CHEM	121/122	Chemistry in the Modern World and Laboratory Chemistry (must be taken together)
GEOG	201/211	Geography of Environmental Systems and Geography of Environmental Systems Laboratory (must be taken together)
GEOL	100/110	Physical Geology and Physical Geology Laboratory (must be taken together)
GEOL	101	Physical Geology for Science Students
HONR	128D	General Chemistry for Honors Students
PHYS	102/103	Physics of Music and Physics of Music Laboratory (must be taken together)
PHYS	106/107	Light, Perception, Photography and Visual Phenomena and Laboratory (must be taken together)
PHYS	117	Introduction to Physics
PHYS	121	Fundamentals of Physics I
PHYS	122	Fundamentals of Physics II
PHYS	141	Principles of Physics
PHYS	142	Principles of Physics
PHYS	262	General Physics: Vibrations, Waves, Heat, Electricity and Magnetism
PHYS	263	General Physics: Electrodynamics
PHYS	272	Introductory Physics: Vibration, Waves, Heat, Electrostatics and Magnetostatics
PHYS	275	Experimental Physics I: Mechanics & Thermodynamics (co-requisite with PHYS 272)

CORE LIFE SCIENES COURSES:

AGRO	101	Introductory Crop Science
AGRO	302	Fundamentals of Soil Science
BIOL	101/102	Concepts of Biology/Laboratory in Biology (must be taken together)
BIOL	105	Principles of Biology I
BIOL	106	Principles of Biology II
BOTN	100	General Botony for Non-Science Majors
CHEM	104	Fundamentals of Organic and Biochemistry
ENTM	205	Principles of Entomology
HORT	100	Introduction to Horticulture
MICB	100	Basic Microbiology
MICB	200	General Microbiology
ZOOL	201	Human Anatomy and Physiology I
ZOOL	202	Human Anatomy and Physiology II
ZOOL	210	Animal Diversity

CORE MATH OR FORMAL REASONING COURSES:

CMSC	113	Computer Science II

SOCIAL SCIENCES (CORE) 9 credits, 3 courses:

CORE SOCIAL OR POLITICAL HISTORY COURSES:

AASP	100	Introduction to Afro-American Studies
AASP	202	Black Culture in the United States
HIST	106	American Jewish Experience
HIST	111	The Medieval World
HIST	113	Modern Europe: 1789-Present
HIST	126	Jewish Civilization
HIST	156	History of the United States to 1865
HIST	157	History of the United States since 1865
HIST	174	Introduction to the History of Science
HIST	175	Science and Technology in World History: Space/Time/Man/Woman
HIST	210	Women in America to 1880
HIST	211	Women in America since 1880
HIST	234	History of Britain to 1485
HIST	235	History of Britain 1461-1714
HIST	236	History of Britain 1688 to Present
HIST	237	Russian Civilization
HIST	250	Latin American History I
HIST	251	Latin American History II
HIST	275	Law and Constitutionalism in American History
HIST	282	History of the Jewish People I
HIST	283	History of the Jewish People II
HONR	148F	America Since 1945 and the Mass Media
KNES	293	History of Sport in America

CORE BEHAVIORAL AND SOCIAL SCIENCE COURSES:

AASP	101	Public Policy and the Black Community
AMST	207	Contemporary American Cultures
ANTH	102	Introduction of Anthropology: Cultural Anthropology and Linguistics
AREC	240	Environment and Human Ecology
AREC	250	Elements of Agricultural and Resource Economics
CNEC	100	Introduction to Consumer Economics
CRIM	220	Criminology
ECON	105	Economics of Social Problems
ECON	201	Principles of Economics I
ECON	203	Principles of Economics II
ECON	205	Fundamentals of Economics
EDHD	330	Human Development and Societal Institutions
GEOG	100	Introduction to Geography
GEOG	150	World Cities
GEOG	202	The World in Cultural Perspective
GNED	189A	The Contemporary City
GNED	189B	The Modernization of the American Home
GNED	189C	Leisure and Technology
GNED	189D	Matters of Life and Death: Social and Ethical Impacts of Technology on Health Care
GVPT	100	Principles of Government and Politics
GVPT	170	American Government
GVPT	200	International Political Relations
LING	120	Introduction to Linguistics
HONR	148B	Culture and Gender: Conflict Between the Sexes
LING	200	Introductory Linguistics
PSYC	100	Introduction to Psychology
SOCY	105	Introduction to Contemporary Social Problems
WMST	200	Introduction to Women's Studies: Women and Society

HUMAN CULTURAL DIVERSITY (CORE): Approved Courses

3 credits, one course

NOTE: Students are required to select only one course from this list; the organization of the list by principle diversity topic(s) may be helpful to students with specific interests.

WOMEN

AMST	418J	Women and Family in American Culture
CLAS	320	Women in Classical Antiquity
CRIM	498A	Women and Crime
ECON	375	Economics of Poverty and Discrimination
FMCD	381	Poverty and Affluence Among Families and Communities
FREN	241	Women Writers*
FREN	242	Black Writers of French Expression in Translation*
FREN	478B	Themes and Movements of French Literature in Translation: Autobiographical Fiction by Francophone Women Writers
FREN	499B	Literature of Francophone
HONR	148C	Women and Mental Illness
HONR	148B	Culture and Gender: Conflict Between the Sexes*
KNES	492	History of the American Sportswoman in American Organizations
RTVF	418W	African American Women Filmmakers
TEXT	345	History of Costume I
WMST	200	Introduction to Women's Studies: Women and Society*
WMST	250	Introduction to Women's Studies: Women, Art and Culture*
ZOOL	313	Women and Science

MINORITIES

AASP	312	Social and Cultural Effects of Colonization and Racism
AASP	441	Science, Technology and the Black Community
AASP	443	Blacks and the Law
ECON	375	Economics of Poverty and Discrimination
FMCD	381	Poverty and Affluence Among Families and Communities
RTVF	418W	African American Women Filmmakers
SPAN	224	Violence and Resistance in the Americas*

NON-WESTERN

AGRO	303	International Crop Production
AREC	365	World Hunger, Population and Food Supplies
AREC	445	Agricultural Development in the Third World
ARTH	275	Art of Africa*
ARTH	475	Ancient Art of Africa
ARTH	476	Living Art of Africa
CHIN	315	Modern Chinese Literature in Translation*
FREN	242	Black Writers of French Expression in Translation*
FREN	499B	Literature of Francophone
GEOG	326	Africa
GEOG	416	Overseas European Colonization and the Third World
HIST	237	Russian Civilization*
HIST	250	Latin American History I*
HIST	251	Latin American History II*
HONR	118A	In Search of Ancient Astronomies*
HONR	148E	Science, Technology and the Third World
MUSC	210	The Impact of Music on Life*
MUSC	432	Music in World Cultures I
MUSC	433	Music in World Cultures II
TEXT	345	History of Costumes I

* Also approved for CORE distributive studies

ADVANCED STUDIES (CORE): Approved Courses

6 credits, 2 courses

ANALYSIS OF SOCIAL & ETHICAL PROBLEMS (CORE) Minimum 3 credits must be taken from this area:
List of approved courses will be available early in 1991. See your undergraduate advisor.
DEVELOPMENT OF KNOWLEDGE (CORE):
List of approved courses will be available early in 1991. See your undergraduate advisor.
CAPSTONE COURSE (CORE):
List of approved courses will be available early in 1991. See your undergraduate advisor.

USP PROGRAM DESCRIPTION

THE UNIVERSITY STUDIES PROGRAM (USP).
This program will be completed by all students entering before May 1990 with nine (9) or more credits from this or any other college, unless they choose the new CORE program. A course taken to satisfy college, major, and/or supporting area requirements may also be used to satisfy USP requirements if that course appears on the list of approved courses for this program. Courses taken to satisfy USP requirements **MAY NOT** be taken on a Pass/Fail basis. (Please refer to the Statute of Limitations for information regarding students who may have questions regarding completion of requirements under the GEP and GUR general education prorams.)

FUNDAMENTAL STUDIES (USP)
Nine (9) credits required. List of approved USP courses follows USP program outline.
1. Freshman Composition — 3 credits
   Exemptions: a. Students with an SAT verbal score of 600 or above.
   b. Students with and AP English score of 4 or 5.
2. Advanced Writing — 3 credits (Taken after completion of 56 credit hours.)
   Exemptions: Students with an A in ENGL 101 **(NOT ENGL 101A or 101X)**
(Note: No exemption is granted for achievement on the SAT verbal exam.)
3. Mathematics — 3 credits
   Exemptions a. Students with an SAT math score of 600 or above.
   b. Students with College Board Achievement Test in Mathematics, Level I or II, score of 600 or above.
   c. Students with an AP score of 3 or above in Calculus AB or BC.
   d. Students with any CLEP Subject Examination in Mathematics score of 60 or above.

DISTRIBUTIVE STUDIES (USP)
Twenty-four (24) credits required. List of approved courses follow USP program outline.
Area A: Culture and History — 6 credits, 2 courses
Area B: Natural Sciences and Mathematics — 6 credits, 2 courses; one course must be a laboratory science
Area C: Literature and the Arts — 6 credits, 2 courses; courses must be taken in two different departments
Area D: Social and Behavioral Sciences — 6 credits, 2 courses

ADVANCED STUDIES (USP)
Six (6) credist required. Courses must be taken in two different departments outside of the student's major (except Honor's courses). List of approved courses follow USP program outline.
Development of Knowledge — 3 credits, 1 course
Analysis of Human Problems — 3 credits, 1 course

APPROVED COURSE LISTS FOR USP PROGRAM

A course taken to satisfy college, major, and/or supporting area requirements may also be used to satisfy USP requirements if it appears on the following list of approved courses for USP. Courses used to satisfy USP requirements **MAY NOT** be taken on a Pass/Fail basis. Course numbers are subject to change. Please check with departments for verification or previous numbers. **Not all courses are offered each semester. Check the current course listings for course availability.**

FUNDAMENTAL STUDIES (USP): Approved Courses

FRESHMAN COMPOSITION (USP) 3 credits, one course:

ENGL	101	Introduction to Writing
ENGL	101A	(Must be taken if student has TSWE [SATA verbal subtest] score below 330)
ENGL	101X	(Students for whom English is a second language may register for ENGL 101X instead of ENGL 101. To register for ENGL 101X, a student must present one of the following: (1) a score of 550 on the TOEFL, or (2) a score of 220 on the Comprehensive English Language Test (CELT) administered at the College Park campus by the Maryland English Institute, or (3) successful completion of the Institute's semi-intensive course in English. Based on scores from either the TOFL or CELT a student might be required to complete a program of English language instruction for non-native speakers through the Maryland English Institute **before** being allowed to register for ENGL 101X.)

ADVANCED WRITING (USP) 3 credits, one course, taken after completion of 56 credit hours:

ENGL	391	Advanced Composition
ENGL	391X	Advanced Composition (ESL)
ENGL	392	Advanced Composition (Pre-Law)
ENGL	393	Technical Writing
ENGL	393X	Technical Writing (ESL)
ENGL	394	Business Writing
ENGL	395	Technical Writing (pre-med and health careers)

MATHEMATICS (USP) 3 credits, one course:

MATH	110	Elementary Mathematical Models
	or	
MATH	115	Precalculus
	or	

Any 100 or 200 level mathematics or statistics course, except MATH 210 and 211.

DISTRIBUTIVE STUDIES (USP): Approved Courses

AREA A: CULTURE AND HISTORY (USP) 6 credits, 2 courses:

AASP	100	Introduction to Afro-American Studies
AASP	200	African Civilizations
AASP	202	Black Culture in the United States
AMST	201	Introduction to American Studies I
AMST	205	Material Aspects of American Life
AMST	207	Contemporary American Cultures
ANTH	298A	Chesapeake An Archaeology of Maryland
ANTH	298B	The First Americans
CHIN	101	Intensive Elementary Chinese I
CHIN	102	Elementary Spoken Chinese
CHIN	103	Elementary Written Chinese
CHIN	201	Intermediate Spoken Chinese I
CHIN	202	Intermediate Written Chinese I
CHIN	203	Intermediate Spoken Chinese II
CHIN	204	Intermediate Written Chinese II
CLAS	170	Greek & Roman Mythology
EDPA	210	Historical and Philosophical Perspectives on Education
ENGL	260	Introduction to Folklore
FMCD	330	Family Patterns
FREN	101	Elementary French I
FREN	102	Elementary French II

FREN	103	Review of Elementary French
FREN	121/121H	Accelerated French I
FREN	122/122H	Accelerated French II
FREN	203	Intermediate French
FREN	311	Advanced Comprehension & Expression in French
FREN	312	French Conversation Current Cultural Events
FREN	370	Aspects of French Civilization
GEOG	150	World Cities
GEOG	202	The World in Cultural Perspective (changed from Area D, Fall 1983)
GEOG	321	Maryland and Adjacent Areas
GEOG	324	Europe
GEOG	325	The Soviet Union
GEOG	326	Africa
GEOG	327	South Asia
GEOG	331	Southeast Asia
GERM	101	Elementary German I
GERM	102	Elementary German II
GERM	103	Review of Elementary German
GERM	104/104H	Intermediate German
GERM	141	Elementary Yiddish I
GERM	142	Elementary Yiddish II
GERM	144	Intermediate Yiddish I
GERM	145	Intermediate Yiddish II
GERM	280	German-American Cultural Contrast
GERM	281	Women in German Literature and Society
GERM	282	Germanic Mythology
GERM	381	German Civilization I
GERM	382	German Civilization II
GERM	383	The Viking Era
GERM	384	The Age of Chivalry
GERM	389C	Selected Topics in Germanic Area Studies The Ancient Celts
GERM	389	Selected Topics in Germanic Area Studies Ancient India
GNED	189F	Cultural Literacy in the Electronic Age
GREK	101	Elementary Greek I
GREK	102	Elementary Greek II
GREK	203	Intermediate Greek
GVPT	240	Political Ideologies
HEBR	111	Elementary Hebrew I
HEBR	112	Elementary Hebrew II
HEBR	211	Intermediate Hebrew I
HEBR	212	Intermediate Hebrew II
HEBR	333	Hebrew Civilization
HEBR	334	Hebrew Civilization
HIST	101	Great Ideas, Events and Personalities in History
HIST	110	The Ancient World
HIST	111	The Medieval World
HIST	112	The Rise of the West, 1500-1789
HIST	113	Modern Europe, 1789-Present
HIST	120	Islamic Civilization
HIST	122	African Civilization
HIST	156	History of the United States to 1865
HIST	170	The Humanities I
HIST	171	The Humanities II
HIST	174	Introduction to the History of Science
HIST	175	Space and Technology in World History Space/Time/Man/Woman
HIST	176	Modern Business History
HIST	210	Women in America: The Colonial Period to 1880
HIST	211	Women in American Since 1880
HIST	234	History of Britain to 1485
HIST	235	History of Britain 1461-1714
HIST	236	History of Britain 1688 to present
HIST	237	Russian Civilization
HIST	250	Latin American History I/to 1810
HIST	251	Latin American History II/1810 to present
HIST	282	History of the Jewish People I
HIST	283	History of the Jewish People II
HIST	284	East Asian Civilization I
HIST	285	East Asian Civilization II
HONR	118	Freshman Honors Colloq. Cultural and Historical
HONR	318	Honors Seminar Cultural and Historical
ITAL	101	Elementary Italian I
ITAL	102	Elementary Italian II
ITAL	121/121H	Accelerated Italian I
ITAL	122/122H	Accelerated Italian II
ITAL	203	Intermediate Italian
ITAL	204	Review Grammar and Composition
ITAL	211	Intermediate Coversation
ITAL	370	Italian Civilization in Transation
JAPN	101	Elementary Japanese I
JAPN	102	Elementary Japanese II
JAPN	201	Intermediate Spoken Japenese I
JAPN	202	Intermediate Written Japenese I
JAPN	203	Intermediate Spoken Japanese II
JAPN	204	Intermediate Written Japanese II
JAPN	217	Buddhism and Japanese Literature in Translation
LATN	101	Elementary Latin I
LATN	102	Elementary Latin II
LATN	120	Intensive Latin
LATN	203	Intermediate Latin I
LATN	204	Intermediate Latin II
LATN	220	Intermediate Intensive Latin
PHED	293	History of Sport in America
PHIL	100	Introduction to Philosophy
PHIL	110	Plato's *Republic*
PHIL	243	Philosophy of Rural Life
PHIL	250	Philosophy of Science I
PORT	101	Elementary Portuguese I
PORT	102	Elementary Portuguese II
PORT	203	Intermediate Portuguese
RUSS	101	Elementary Russian I
RUSS	102	Elementary Russian II
RUSS	281	Russian Culture
RUSS	262	Russian Language and Soviet Culture
SPAN	101	Elementary Spanish I
SPAN	102	Elementary Spanish II
SPAN	103	Review of Elementary Spanish
SPAN	203/203H	Intermediate Spanish
SPAN	204	Review of Oral and Written Spanish
SPAN	205	Intermediate Conversation
SPAN	311	Advanced Conversation I
SPAN	312	Advanced Conversation II
SPAN	325	Spanish Civilization I
SPAN	326	Spanish Civilization II
SPAN	346	Latin American Civilization I
SPAN	347	Latin American Civilization II
TEXT	345	History of Costume I
TEXT	347	History of Costume II
TEXT	363	History of Textiles
THET	310	The American Theatre

***NOTE: Not all courses are offered each semester. Check course listings.**

AREA B: NATURAL SCIENCES AND MATHEMATICS (USP) 6 credits, 2 courses:

Lab Sciences

AGRO	101	Introduction to Crop Science
AGRO	302	General Soils
ASTR	100 & 110 or 111	Introduction Astronomy & Astronomy Laboratory
BIOL	101 & 102	Organization and Interelationships in the Biological World & Laboratory in Biology
BIOL	105	Principles of Biology I
BIOL	106	Principles of Biology II
BOTM	100	General Botany for Non-science Students
CHEM	102	Chemistry of Man's Environment
CHEM	103	General Chemistry I
CHEM	104	Fundamentals of Organic and Biochemistry
CHEM	105	Principles of General Chemistry I
CHEM	111	Chemistry in Modern Life
CHEM	113	General Chemistry II
ENTM	205	Principles of General Chemistry II
GEOG	170 & 171	Maps and Map Use & Maps and Map Use Laboratory
GEOG	201 & 211	The Geography of Environmental Systems & The Geography of Environmental Systems Laboratory
GEOL	100 & 110	Introduction Physical Geology & Physical Geology Laboratory
GEOL	101	Physical Geology for Science Students
MICB	100	Basic Microbiology
MICB	200	General Microbiology
PHED	360	Physiology of Exercise
PHYS	102 & 103	Physics of Music & Physics of Music Laboratory
PHYS	106 & 107	Light, Perception, Photography & Visual Phenomena & Light, Perception, Photography & Visual Phenomena Laboratory
PHYS	114	Energy and the Environment
PHYS	117	Introduction to Physics
PHYS	121	Fundamentals of Physics I
PHYS	122	Fundamentals of Physics II
PHYS	141	Principles of Physics I
PHYS	142	Principles of Physics II
PHYS	221	General Physics for Science Teachers I
PHYS	222	General Physics for Science Teachers II
PHYS	262	(Lab) General Physics, Vibrations, Waves, Heat, Electricity and Magnetism
PHYS	263	(Lab) General Physics: Electrodynamics, Light, Relativity and Modern Physics
PHYS	272 & 275	Introductory Physics: Thermodynamics, Electricity & Magnetism; Lab: Mechanics and Thermodynamics
PHYS	273 & 276	Introductory Physics: Electricity & Magnetism, Waves, Optics, Lab: Electricity & Magnetism
ZOOL	210	Animal Diversity
ZOOL	212	Ecology, Evolution and Behavior

Non-Lab Science & Mathematics

AGRO	105	Soil and the Environment
ANSC	101	Principles of Animal Science
ANTH	101	Introduction to Anthropology: Archaeology & Physical Anthropology
ASTR	100	Introductory Astronomy
ASTR	181	Introductory Astronomy and Astrophysics I
ASTR	182	Introductory Astronomy and Astrophysics II
ASTR	350	Astronomy and Astrophysics
BIOL	101	Organization and Interrelationships in the Biological World
BOTN	103	Human Aspects of Plant Biology
BOTN	211	Ecology and Mankind
CHEM	107	Chemistry and Man
ENAG	232	Water: A Renewable Resource
ENES	120	Noise Pollution
ENES	121	The Man-Made World
ENTM	100	Insects
GEOG	140	Coastal Environments
GEOG	170	Maps and Map Use
GEOG	201	The Geography of Environmental Systems
GEOL	100	Physical Geology
GEOL	102	Historical Geology
GEOL	120	Environmental Geology
HESP	305	Anatomy & Physiology of the Speech Mechanism
HONR	128	Freshman Honors Colloq: Natural Sciences and Mathematics
HONR	328	Honors Seminar: Natural Sciences and Mathematics
HORT	100	Introduction to Horticulture
MATH	111	Introduction to Math II
MATH	140	Calculus I
MATH	141	Calculus II
MATH	210	Elements of Mathematics
MATH	211	Elements of Geometry
MATH	220	Elementary Calculus I
MATH	221	Elementary Calculus II
MATH	240	Introduction to Linear Algebra
MATH	241	Calculus III
MATH	246	Differential Equations for Scientists and Engineers
MATH	205	ANALYSIS I
MATH	251	ANALYSIS II
MICB	322	Microbiology and the Public
NUTR	100	Elements of Nutrition
PHIL	271	Symbolic Logic I
PHYS	101	Contemporary Physics
PHYS	102	Physics of Music
PHYS	106	Light, Perception, Photography & Visual Perception
PHYS	111	Physics in the Modern World I
PHYS	112	Physics in the Modern World II
PHYS	161	General Physics: Mechanics and Particle Dynamics
PHYS	171	Introductory Physics: Mechanics
PSYC	206	Developmental Biopsychology
PSYC	301	Biological Basis of Behavior
SOCY	201	Introductory Statistics for Sociology
STAT	100	Elementary Statistics and Probability
ZOOL	181	Life in the Oceans

***NOTE: Not all courses are offered each semester. Check course listings.**

AREA C: LITERATURE AND THE ARTS (USP) 6 credits, 2 courses:

NOTE: Courses must be taken in two different departments.

APDS	104	Survey of Design History
ARCH	170	An Introduction to the Built Environment
ARCH	222	History of Western Architecture
ARTH	100	Introduction to Art
ARTH	200	Art of the Western World I
ARTH	201	Art of the Westeran World II
ARTH	275	Art of Africa
ARTH	290	Arts of Asia
CHIN	213	Chinese Poetry in English
CHIN	314	Chinese Fiction and Drama in Translation
CHIN	315	Modern Chinese Literature in Translation
CHIN	441	Traditional Chinese Fiction
CHIN	442	Modern Chinese Fiction
CLAS	270	Greek Literature in Translation
CLAS	271	Roman Literature in Translation
DANC	200	Introduction to Dance
ENGL	201	World Literature: Homer to the Renaissance
ENGL	202	World Literature: The Renaissance to the Present
ENGL	205	Introduction to Shakespear
ENGL	211	English Literature from Beginnings to 1800
ENGL	212	English Literature from 1800 to present
ENGL	221	American Literature: The Beginning to 1865
ENGL	222	American Literature: 1965 to the Present
ENGL	234	Introduction to Afro-American Literature
ENGL	240	Introduction to Literary Form Fiction, Poetry, Drama
ENGL	241	Introduction to the Novel
ENGL	242	Fact and Fiction: Forms of Non-Fiction Prose
ENGL	243	Introduction to Poetry and Poetics
ENGL	244	Introduction to Drama
ENGL	245	Introduction to the Film as Literature
ENGL	246	The Short Story
ENGL	247	The Literature of Fantasy
ENGL	250	Women in Literature
ENGL	271	Honors Word Literature: Homer to the Renaissance
ENGL	272	Honors World Literature: Renaissance to the 20th Century
ENGL	301	Critical Methods in the Study of Literature
ENGL	302	English Medieval Literature in Translation
ENGL	304	Major Works of Shakespeare
ENGL	305	Shakespeare and His Contemporaries: An Introduction
ENGL	345	Twentieth Century Poetry of Britain and America
ENGL	462	Folk Song and Ballad
FREN	250	Readings in French
FREN	340	Modern French Literature in Translation
FREN	350/350H	French Literature from the Revolution to the Present
FREN	351/351H	French Literature from the Revolution to the Present
FREN	352/352H	French Literature from the Middle Ages to the Revolution
GERM	220	Introduction to German Literature
GERM	285	German Film and Literature
GNED	189A	The Two Cultures
GNED	189G	Technology as a Theme in Literature Since the Industrial Revolution
GREK	204	Intermediate Greek (Homer)
HEBR	223	The Hebrew Bible: Narrative
HEBR	224	The Hebrew Bible: Poetry and Rhetoric
HEBR	231	Jewish Literature in Translation
HEBR	322	Israeli Literature in Translation
HONR	138	Freshman Honors Colloqium: Literature and the Arts
HORN	338	Honors Seminar: Literature and the Arts
HORT	160	Introduction to the Art of Landscaping
ITAL	251	Introduction to Italian Literature
ITAL	351	Italian Literature from Danta to the Renaissance
ITAL	352	Italian Literature from the Renaissance to the Present
ITAL	376	The Italian Opera Libretto
MUSC	130	Survey of Music Literature
MUSC	140	Music Fundamentals I
MUSC	141	Music Fundamentals II
MUSC	215	The Art of the Performer
RTVF	314	Introduction to the Film
RUSS	221	Masterworks of Russian Literature I
RUSS	222	Masterworks of Russian Literature II
RUSS	328A	Nineteenth Century Russian Literature in Translation: From Dostoevsky to Chekhov
SPAN	221	Readings in Spanish
SPAN	321	Survey of Spanish Literature: 12th-17th Century
SPAN	322	Survey of Spanish Literature: 18th-20th Century
SPAN	323	Survey of Spanish American Literature I
SPAN	324	Survey of Spanish American Literature II
THET	110	Introduction to the Theatre
WMST	250	Women, Art, and Culture

***NOTE: Not all courses are offered each semester. Check course listings.**

AREA D: SOCIAL AND BEHAVIORAL SCIENCES (USP) 6 credits, 2 courses:

AMST	203	Popular Culture in America
AMST	204	Film and American Culture Studies
AMST	206	Business and American Culture Studies
ANTH	102	Introduction to Anthropology
ANTH	221	Man and Environment
ANTH	241	Introduction to Archaeology
ANTH	271	Language and Culture
AREC	240	Environmental and Human Ecology
ARSC	310	Management & Leadership I
ARSC	320	National Security Forces in Contemporary American Society I
BSOS	200	Introduction to Applied Behavioral Social Sciences
CJUS	100	Introduction to Law Enforcement
CNEC	100	Introduction to Consumer Economics
CRIM	220	Criminology
ECON	105	Economics of Social Problems
ECON	201	Principles of Economics I
ECON	203	Principles of Economics II
ECON	205	Fundamentals of Economics
ECON	307	Development of Economic Ideas
ECON	310	Evolution of Modern Capitalism in Western Europe and the United States
ECON	311	American Economic Development
EDHD	306	A Study of Human Behavior
EDHD	330	Human Development and Social Institutions
EDPA	201	Education in Contemporary American Society
FMCD	201	Concepts in Community Development
FMCD	250	Decision-Making in Families and Communities
FOOD	110	Food for People
FOOD	300	Economics of Food Consumption
GEOG	100	Introduction to Geography
GEOG	110	The World Today A Regional Geography
GEOG	130	Developing Countries
GEOG	203	Economic Geography
GNED	189B	Rationality and Values
GNED	189C	Leisure and Technology
GNED	189D	Individual Rights from Cicero to Rand
GNED	189E	How Society Deals with Technological Hazards
GVPT	100	Principles of Government and Politics
GVPT	170	American Government
GVPT	220	Introduction to Political Behavior
GVPT	273	Introduction to Environmental Policy
GVPT	300	International Political Relations
GVPT	343	Political Themes in Contemporary Literature
HESP	120	Introduction to Linguistics
HIST	157	History of the U.S. Since 1865
HIST	275	Law and Costitutionalism in American History
HLTH	230	Introduction to Health Behavior
HLTH	285	Controlling Stress & Tension
HONR	148	Freshman Honors Colloq: Social and Behavioral Sciences
HONR	348	Honors Seminar: Social & Behavior Sciences
JOUR	100	Introduction to Mass Communication
LING	200	Introduction to Linguistics
LING	240	Language and Mind
PHED	287	Sport and American Society
PHED	350	Psychology of Sport
PHED	385	Motor Learning and Skilled Performance
PHIL	140	Contemporary Moral Issues
PHIL	245	Political and Social Philosophy I
PSYC	100	Introduction to Psychology
PSYC	221	Social Psychology
PSYC	310	Perception
PSYC	335	Personality and Adjustment
PSYC	353	Adult Psychopathology
PSYC	355	Child Psychology
RECR	130	Recreation and Literature
RTVF	124	Mass Communication in 20th Century Society
SOCY	100	Introduction to Sociology
SOCY	105	Introduction to Contemporary Social Problems
SOCY	230	Sociological Social Psychology
SOCY	300	American Society
SOCY	327	Introduction to the Study of Deviance
SOCY	331	Work, Bureaucracy and Industry
SOCY	350	Foundation of Communication Theory
URBS	100	Introduction to Interdisciplinary Urban Studies
URBS	210	Behavioral and Social Dimensions of the Urban Community
URBS	220	Environmental and Technological Dimensions of the Urban Community
URBS	320	The City and the Developing National Culture of the United States
WMST	200	Introduction to Women's Studies

***NOTE: Not all courses are offered each semester. Check course listings.**

ADVANCED STUDIES (USP): Approved Courses

Descriptions of most courses are given in the current Undergraduate Catalog. In order to verify course prerequisites, you **must** read the description in the catalog. Course descriptions for courses which have an alphabetical suffix following the three digit number, such as PHIL 308F or HISTO 312A, are printed in the section following the list of approved Advanced Studies (USP) Courses.

WARNING: A course with the same number but a different suffix and title is NOT approved for Advanced Studies (USP) credit unless it is also in the list below.
NOTE: Advanced Studies (USP) courses must be taken in two different departments outside of the student's major (except HONR courses).

DEVELOPMENT OF KNOWLEDGE (USP) 3 credits, 1 course: Must be taken outside of student's major.

Offered for Fall 1990

ANTH	371	Introduction to Linguistics
ANTH	389C	Research Problems: Culture and Personality
ANTH	401	Cultural Anthropology
ANTH	451	Archaeology of the New World
ASTR	300	Stars and Stellar Systems
ASTR	330	Solar System Astronomy
ASTR	340	Galaxies and the Universe
ASTR	380	Life in the Universe
BCHM	361	Origins of Biochemistry
CLAS	320	Women in Classical Antiquity
CLAS	470	Advanced Greek and Roman Mythology
ECON	402	Macroeconomic Models and Forecasting
EDMS	451	Introduction to Educational Statistics
ENGL	320	English Romantic Literature
ENGL	379B	Special Topics in Literature: Carribean Literature in English
ENGL	379E	Special Topics in Literature: Film Analysis The Rhetoric of Fictional Worlds
ENGL	385	Semantics
ENGL	412	Literature of the Seventeenth Century: 1600-1660
ENGL	432	American Literature: 1865-1914: Realism and Naturalism
ENGL	440	The American Novel to 1915
ENGL	453	Literary Criticism
ENGL	477	Studies in Mythmaking
ENGL	479R	Special Topics in English and American Literature After 1800: Readers, Writers and Rhetoric
ENGL	489A	Special Topics in English Language: The Language of Advertising
ENGL	489C	Special Topics in English Language: The Language of Law
GERM	349A	Yiddish Literature in Translation: Yiddish Culture —The Holocaust in Film and Literature
GVPT	441	History of Political Theory: Ancient and Midieval
GVPT	442	History of Political Theory: Medieval to Recent
GVPT	443	Contemporary Political Theory
HEBR	498B	Special Topics in Hebrew: Issues of Jewish Ethics and the Law
HIST	406	History of Technology
HLTH	498T	Ways of Knowing About Stress and Tension
HONR	368	Honors Seminar: Development of Knowledge
KNES	362	Philosophy of Sport
LING	440	Grammars and Cognition
MATH	406	Introduction to Numbers Theory
MATH	430	Euclidean and Non-Euclidean Geometrics
MUSC	340	Music Literature Survey I
NUTR	335	History of Nutrition
PHIL	310	Ancient Philosophy
PHIL	328B	Marxist Philosophy
PHIL	331	Philosophy of Art
PHIL	332	Philosophy of Beauty
PHIL	380	Philosophy of Psychology
PHIL	385	Students in Contemporary Philosophy: Philosophy and Computers
PHIL	447	Philosophy of Law
PHIL	450	Scientific Thought I
PHIL	452	Philosophy of Physics
PHIL	453	Philosophy of Science II
PHYS	420	Principles of Modern Physics
PHYS	421	Introduction to Modern Physics
PHYS	499F	Special Topics in Physics: Twentieth Century Physics — Physics for Managers and Analysts
PORT	478A	Themes and Movements in Luso-Brazilian Literature in Translation: Africa in Brazil
SOCY	403	Intermediate Sociological Theory
SOCY	498K	Sociology of Knowledge
SPCH	450	Classical and Medieval Rhetorical Theory
THET	495	History of Theatrical Theory and Criticism
WMST	400	Theories of Feminism
ZOOL	323	Brain & Behavior

ANALYSIS OF HUMAN PROBLEMS (USP) 3 credits, 1 course: Must be taken outside of student's major.

Offered for Fall 1990

AEED	323	Developing Youth Programs
AMST	330	Critics of American Culture
AMST	418B	Cultural Themes in America: Culture and Mental Disorders
AREC	365	World Hunger, Population, and Food Supplies
AREC	433	Food and Agricultural Policy
AREC	445	Agricultural Development in the Third World
AREC	453	Natural Resources and Public Policy
CHEM	374	Technology, Energy and Risk
CNEC	310	Consumer Economics and Public Policy
CNEC	410	Consumer Finance
CNEC	431	The Consumer and the Law

Advanced Studies Descrip.

CNEC	435	Economics of Consumption
CNEC	437	Consumer Behavior
ECON	315	Economic Development of Underdeveloped Areas
EDCP	420	Education and Racism
EDCP	462	The Disabled Person in American Society
EDHD	413	Adolescent Development
EDHD	445	Guidance of Young Children
EDIT	476	Application of Technology to Societal Problems
EDIT	492	Issues Confronting Families Past and Future: A Multidisciplinary Examination
EDPA	400	The Future of the Human Community
EDPA	401	Educational Technology, Policy and Social Change
ENAG	315	Energy: Its Effect on Agriculture and Food
ENGL	379N	Special Topics in Literature: The Literature of Sentiment and Sentimentality
ENTM	303	International Pesticide Problems and Solutions
FMCD	381	Poverty and Affluence Among Low Income Families and the Community
FMCD	431	The Family Crisis and Intervention
FMCD	487	Legal Aspects of Family Patterns
FREN	478C	Themes and Movements of French Literature in Translation: Conflict Between Individual and Society in French Literature
FREN	479D	Masterworks of French Literature in Translation: Ideologies and Relations Between the Sexes
GEOG	456	Social Geography of Metropolitan Areas
GERM	389R	Topics in Germanic Culture: Reason and Faith
GVPT	432	Civil Rights and The Constitution
HIST	312A	Crisis and Change in the United States: The Changing Urban Scene
HIST	312B	Crisis and Change in the United States: Dynamics of Federal Indian Policy
HIST	316A	Crisis and Change in Latin America: Slavery and Race Relations
HLTH	476	Death Education
HONR	378	Honors Seminar: Analysis of Human Problems
PHIL	408A	Topics in Contemporary Philosophy: Analysis and Design of Legal and Moral Institutions
PSYC	354	Cross-Cultural Psychology
SOCY	325	Sex Roles
SOCY	333	Technology and Society
SOCY	427	Deviant Behavior
SOCY	441	Social Stratification and Inequality
SOCY	464	Military Sociology
ZOOL	346	Human Genetics and Society
ZOOL	381	Natural History of the Chesapeake Bay

The following is a complete list of Advanced Studies (USP) approved courses. Advanced Studies (USP) courses offered for Fall 1990 are noted above.

DEVELOPMENT OF KNOWLEDGE (USP):

AMST	418E	Cultural Themes in America The American Image of Africa
AMST	418K	Cultural Themes In America Race in America: Theory and Policy
AMST	428A	American Cultural Eras: Social Dramas in American Cultural History
AMST	429B	Perspectives on Popular Culture: Science Fiction in American Culture
AMST	432	Literature and American Society
ANTH	371	Introduction to Linguistics
ANTH	389C	Research Problems: Culture and Personality
ANTH	401	Cultural Anthropology: Principles and Processes
ANTH	451	Archaeology of the New World
ARHU	308B	An Interdisciplinary Analysis of Scandinavian Civilization
ARHU	3089A	Forms and Forces of Human Experience: An Interdisciplinary Exploration—Philosophies of Art
ASTR	300	Stars and Stellar Systems
ASTR	330	Solar System Astronomy
ASTR	340	Galazies and the Universe
ASTR	380	Life in the Universe
BCHM	361	Origins of Biochemistry
CJUS	330	Contemporary Legal Policy Issues
CLAS	320	Women in Classical Antiquity
CLAS	470	Advanced Greek and Roman Mythology
ECON	402	Macroeconomic Models and Forecasting
EDMS	451	Introduction to Education Studies
ENGL	320	English Romantic Literature
ENGL	379B	Special Topics in Literature Carribean Literature in English
ENGL	379E	Topics in Literature: Film Analysis— The Rhetoric of Fictional Worlds
ENGL	379I	Special Topics in Literature: Science and Literature
ENGL	379J	Special Topics in Literature: Interpreting the Bible
ENGL	379K	Special Topics in Literature: Private Lives
ENGL	379L	Special Topics in Literature: The Great Divide The Modern and Pre-Modern World
ENGL	379M	Special Topics in Literature: Britain in the Age of Revolution, 1760-1802
ENGL	379O	Special Topics in Literature: Language and Gender Male/Female Differences in Language Use
ENGL	379V	Special Topics in Literature Modern Poetry and the Visual Arts
ENGL	385	Semantics
ENGL	412	Literature of the Seventeenth Century: 1600-1660
ENGL	432	American Literature, 1865-1914: Realism and Naturalism
ENGL	440	The American Novel to 1915
ENGL	453	Literary Criticism
ENGL	477	Studies in Mythmaking
ENGL	479R	Special Topics in English and American Literature after 1800: Readers, Writers and Rhetoric
ENGL	489A	Special Topics in English Language: The Language of Advertising
ENGL	489C	Special Topics in English Language: The Language of the Law
GEOL	301	Evolution in Geology
GERM	349A	Yiddish Literature in Translation Yiddish Culture — The Holocause in Film and Literature
GERM	479B	Selected Topics in Germanic Philology: Language and Science
GNED	301	The Arts and the Sciences
GVPT	441	History of Political Theory: Ancient and Medieval
GVPT	442	History of Political Theory: Medieval to Recent
GVPT	443	Contemporary Political Theory
HEBR	498B	Special Topics in Hebrew Reconstructing Ancient Civilizations: The Case of Mesopotamia
HIST	311A	Approaches to European Social History
HIST	311B	Approaches to the Past Historiography
HIST	311S	Spproaches to the Past Science and History — Archaeoastronomy and the Histor of Science
HIST	401	the Scientific Revolution: From Copernicus to Newton
HIST	402	Development of Modern Physical Science From Newton to Einstein
HIST	403	20th Century Revolution in the Physical Sciences
HIST	406	History of Technology
HIST	412	Readings in Psycho-History
HLTH	496T	Ways of Knowing About Human Stress and Tension
HONR	368	Honors Seminar: Development of Knowledge
HSAD	451	Gaming Simulation in Design I
ITAL	421	The Italian Renaissance
LING	440	Grammars and Cognition
MATH	406	Introduction to Numbers Theory
MATH	430	Euclidian and Non-Euclidian Geometries
NURT	335	History of Nutrition
PHIL	308A	Studies in Contemporary Philosophy: Philosophy of Literature and Film
PHIL	308D	Studies in Contemporary Philosophy: Discovery and Analogy in Science
PHIL	308E	Studies in Contemporary Philosophy: Philosophy of History
PHIL	310	Ancient Philosophy
PHIL	328B	Marxist Philosopy
PHIL	331	Philosophy of Art
PHIL	332	Philosophy of Beauty
PHIL	334	Philosophy of Music
PHIL	380	Philosophy of Psychology
PHIL	385	Studies in Contemporary Philosophy: Philosophy and Computers
PHIL	408D	Topics in Contemporary Philosophy: Philosophical Issues in Art History
PHIL	408F	Topics in Contemporary Philosophy: Contemrpoary French and German Philosophy
PHIL	408S	Topics in Contemporary Philosophy: The Nature of Scientific Understanding
PHIL	428A	Origins of the Modern Scientific World View
PHIL	431	Anesthetic Theory
PHIL	447	Philosophy of Law
PHIL	450	Scientific Thought I
PHIL	451	Scientific Thought II
PHIL	452	Philosophy of Physics
PHIL	453	Philosophy of Science II
PHIL	454	Philosophy of Economics
PHIL	455	Philosophy of the Social Sciences
PHIL	456	Philosophy of Biology
PHIL	458A	Topics in the Philosophy of Science: Philosophy and Agricultural Science
PHIL	458X	Topics in the Philosophy of Science: Causation and Casual Thinking
PHIL	472	Philosophy of Modern Physics
PHIL	420	Principles of Modern Physics
PHIL	421	Introduction to Modern Physics
PHIL	490	History of Modern Physics
PHIL	499F	Special Topics in Phsyics: Twentieth Century Physics — Physics for Managers and Analysis
PORT	478	Themes and Movements in Luso-Brazilian Literature in Translation: Contemporary Brazilian Literature
PORT	478A	Themes and Movements in Luso-Brazilian Literature in Translation: Africa in Brazil
SOCY	403	Intermediate Sociological Theory
SOCY	498K	Sociology of Knowledge
SPCH	324	Gender and Communication
SPCH	450	Classical and Medieval and Rhetorical Theory
THET	495	History of Theatrical Theory and Criticism
WMST	400	Theories of Feminism
ZOOL	301	Biological Issues and Scientific Evidence
ZOOL	323	Brain & Behavior

ANALYSIS OF HUMAN PROBLEMS (USP):

AEED	323	Developing Youth Programs
AGRO	303	International Crop Production
AMST	330	Critics of American Culture
AMST	418B	Cultural Themes in America: Culture and Mental Disorders in Modern America
AMST	418C	Cultural Themes in America: The American Environment: Conservation and Energy
AMST	418D	Cultural Themes in America: Growing Up American
ANTH	389B	Medicine, Health and Culture
AREC	365	World Hunger, Population, and Food Supplies
AREC	433	Food and Agricultural Policy
ARED	445	Agricultural Development in the Third World
AREC	453	Natural Resources and Public Policy
ARHU	308A	Post World War II Japan Through Film and Fiction
CHEM	374	Technology, Energy and Risk
CLAS	374	Greek Tragedy in Translation
CNEC	310	Consumer Economics and Public Policy
CNEC	410	Consumer Finance
CNEC	431	The Consumer and the Law
CNEC	435	Economics of Consumption
CNEC	437	Consumer Behavior
ECON	315	Economic Development of Underdeveloped Areas
ECON	451	Public Choice and Public Policy
ECON	490	Survey of Urban Economic Problems and Policies
EDCI	381	Schools and Children
EDCP	420	Education and Racism
EDCP	462	The Disabled Person in American Society
EDHD	413	Adolescent Development
EDHD	445	Guidance of Young Children
EDIT	476	Application of Technology to Societal Problems
EDIT	492	Issues Confronting Families Past and Future: A Multidisciplinary Examination
EDPA	400	The Future of the Human Community
EDPA	401	Educational Technology Policy and Social Change
ENAG	315	Energy: Its Effect on Agriculture and Food
ENGL	379F	Special Topics in Literature: Coping with Change
ENGL	379N	Special Topics in Literature: The Literature of Sentiment and Sentimentality
ENGL	379Q	Special Topics in Literature: More's Utopia and Modern Utopian Visions
ENGL	379R	Special Topics in Literature: Different Views of the Chesapeake Bay
ENGL	379S	Special Topics in Literature: Changing Ideas of the City in Western Literature
ENGL	379T	Special Topics in Literature: On Argument
ENGL	479A	Selected Topics in English and American Literature After 1800: Ideal and Real Communities in 19th Century American Literature
ENTM	303	Internationl Pesticide Problems and Solutions
FMCD	381	Poverty and Affluence Among Low Income Families and the Community
FMCD	431	The Family Crisis and Intervention
FMCD	487	Legal Aspects of Family Problems
FMCD	497	The Child and the Law
FREN	478B	Themes and Movements in French Literature in Translation: Autobiographical Fiction by Francophone Women Writers
FREN	478C	Themes and Movements in French Literature in Translation: Autobiographical Fiction by Francophone Women Writers
FREN	478C	Themes and Movements in French Literature in Translation: Conflict Between Individual and Society in French Literature
FREN	479A	Masterworks of French Literature in Translation The Age of Anxiety — The Literature of Existentialism and the Absurd
FREN	479D	Masterworks of French Literature in Translation: Ideologies and Relations Between the Sexes
GEOG	434	Agricultural and Rural Development
GEOG	456	Social Geography of Metropolitan Areas
GEOG	462	Water Resources and Water Resource Planning
GEOG	463	Geograhic Aspects of Pollution
GEOG	464	Energy Resources and Planning
GERM	389J	Topics in Germanic Culture: Honor as a Theme in Western Literature
GERM	389R	Topics in Germanic Culture: Reason and Faith
GNED	300	Perspectives in Nuclear War
GVPT	403	Law, Morality, and War
GVPT	405	Defense Policy and Arms Control
GVPT	432	Civil Rights and the Constitution
GVPT	457	American Foreign Relations
GVPT	462	Urban Politics
GVPT	471	Women and Politics
HIST	312A	Crisis and Change in the United States The Changing Urban Scene
HIST	312B	Crisis and Change in the United States: The Changing Urban Scene
HIST	313A	Crisis and Change in the United States: Freedom and Authority
HIST	314A	Crisis and Change in the Unted States: Nationalism and Nation Building in the Middle East
HIST	316A	Crisis and Change in Latin America: Slavery and Race Relations
HIST	458A	Special Topics in Women's History: Victorian Women
HLTH	476	Death Education
HLTH	490	Theories of Children's Love and Peace Behaviors
HONR	378	Honors Seminar: Analysis of Human Problems
ITAL	411	Dante in Translation
NUTR	425	International Nutrition
NUTR	498F	Development and Modification of Food Habits
PHIL	308B	Philosophy of Live
PHIL	308F	Philosophical Aspects of Feminism
PHIL	340	Making Decisions
PHIL	342	Moral Problems in Medicine
PHIL	408A	Topics in Contemporary Philosophy: Analysis and Design of Legal and Mral Institutions
PHIL	408L	Topics in Contemporary Philosophy: Analysis and Design of Legal and Moral Institutions
PHIL	441	History of Ethics
PHIL	446	Law, Mrality and War
PHYS	318N	Topics in Contemporary Physics: The Risks of Nuclear Power
PSYC	354	Cross-Cultural Psychology
SOCY	305	Scarcity and Modern Society
SOCY	325	Sex Roles
SOCY	333	Technology and Society
SOCY	427	Deviant Behavior
SOCY	431	Formal and Complex Organizations
SOCY	441	Social Stratification and Inequality
SOCY	460	Sociology of Work
SOCY	464	Military Sociology
SOCY	498A	Medical Sociology
SOCY	498N	Sociology of Nuclear War
SOCY	498R	Work Family, Community and Friendship: Issues in Social Identity and Well Being
ZOOL	346	Human Genetics and Society
ZOOL	381	Natural History of the Chesapeake Bay

Course Descriptions for Approved Advanced Studies (USP) Courses

— Courses **without an alphabetical suffix following the three digits**, such as ECON 415, are described in the current Undergraduate Catalog. In order to verify course prerequisites, you must read the description in the catalog.

— Courses **with an alphabetical suffix following the three digits**, such as HIST 312A, are described below.

— **Not all courses are offered each semester. Check course listings.**

DEVELOPMENT OF KNOWLEDGE (USP)

AMST 418E — CULTURAL THEMES IN AMERICA: THE AMERICAN IMAGE OF AFRICA. By focusing attention on American ideas about Africa, this course traces the origins of American stereotypes of Africa and their development, especially during the late nineteenth and early twentieth centuries. Through a systematic analysis of American perceptions of Africa, the most significant bodies of contemporary information available concerning the continent are examined: the written accounts of Americans who actually were traveling to Africa, and the numerous kinds of secondary sources published in America about Africa. Prerequisites: a course in American Studies, Afro-American Studies, History, or Geography.

AMST 418K — CULTURAL THEMES IN AMERICA: RACE IN AMERICA: THEORY AND POLICY. American culture has been, since its earliest days, concerned with categorizing and labelling people on the basis of distinguishable physical characteristics. The evolution of this tendency to link physical differences with mental and tempermental differences historically involved the fields of the natural sciences, geography, ethnology, linguistcs, theology, and literature. Race theory spilled over into American politics — both foreign and domestic — and shaped laws, mores, and behavior patterns, while popular race policies stimulated research and shaped the biases of racial theorists. Prerequisites: a prior course in American Studies, American History, or Sociology.

AMST 428A — AMERICAN CULTURAL ERAS: SOCIAL DRAMAS IN AMERICAN CULTURAL HISTORY. Focus on images of the future — as found in advertising, utopian literature, film, world's fairs, science fiction, community planning, and Toffler's *Future Shock* — to illustrate the strategies of social rhetoric and institutions in responding to the conflict and changes of America's past. Prerequisites: a prior course in American Studies, or History, or Sociology.

AMST 429B — PERSPECTIVES ON POPULAR CULTURE: SCIENCE FICTION IN AMERICAN CULTURE. Explores science fiction as a form of communication illustrative of the roles of socialization, institutionalization and cultural criticism in American society. The course provides a historical overview of science fiction, focuses on important literary narratives, considers the icons and conventions of science fiction art and film, and introduces the theoretical insights to be gained from the disciplines of literary criticism, sociology and anthropology. Prerequisites: one of the following: AMST 203, 418, 428, 432; a course on twentieth century American history or American literature; a course on the Sociology of Art or Sociology of Knowledge; a course in the History or Philosophy of Science; previous "Fantasy and Science Fiction" course.

ANTH 389C — CULTURE AND PERSONALITY. Examines the relationship between the individual and society, as well as cross-cultural differences in personality types. Emphasis will be on biography, including anthropological life history and other material. Focus will be on determining the ways in which information pertaining to the events of individual lives contribute to our understanding of the human condition. Prerequisite: ANTH 102 or 221 or related course in the social sciences or permission of instructor.

ARHU 308B — AN INTERDISCIPLINARY ANALYSIS OF SCANDINAVIAN CIVILIZATION. Acquaints students with the geography, politics, and history of Scandinavia. An introduction to the literature, status of women and minorities, language, religion, architecture, theatre and arts. Interrelations of the various components which blend to form a civilization will be analyzed. Prerequisites: one history course, one literature course.

ARHU 309A — FORMS AND FORCES OF HUMAN EXPERIENCE: AN INTERDISCIPLINARY EXPLORATION — PHILOSOPHIES OF ART. Explores the similarities and differences in the creative impulse in music and the visual arts. Artists in each area would be studied to understand the sources of their art, its relation to their social and personal situations and to the *Zeitgeist*. The course would concentrate on various forms of modern art and explore the reasons for differences in general orientation as well as traits broadly shared.

ENGL 379B — SPECIAL TOPICS IN LITERATURE:
Begins with excerpts from James Joyce and Samuel Beckett to set the 20th Century European context, then studies in detail seven novels by Carribean writers. The contrast between the world views of colonizing and colonized people is presented.

ENGL 379E — SPECIAL TOPICS IN LITERATURE: FILM ANALYSIS: THE RHETORIC OF FICTIONAL WORLDS. Examines approximately twelve films to reveal how narrative films create apparently closed worlds of illusion in which every action and behavior is composed as part of a pattern of meaning. This rhetorical approach implies a variety of strategies by which filmmaker and audience enter into a conspiracy of communication; the emphasis here is on the manner in which the terms of exchange are exposed, the language made visible, the illusion fractured. Prerequisite: Completion of two literature courses.

ENGL 379I — SPECIAL TOPICS IN LITERATURE: SCIENCE AND LITERATURE. Examines outstanding literary works whose content is scientific to ask: (1) how are the scientific method and creative process related? (2) What are the correspondences between the theoretical and the metaphorical imaginations? (3) How is art empirical and empiricism artful? (4) Are there various styles of scientific inquiry, as in literary art? Is there a creative methodology that guides every writer, regardless of style? (5) How are the intentions of science and literature alike, different, at odds? Prerequisite: Completion of two literature courses.

ENGL 379J — SPECIAL TOPICS IN LITERATURE: READING THE BIBLE: PROBLEMS OF INTERPRETATION. Investigates the ways that the Bible has been read from the perspectives of a variety of disciplines through history. The traditional religious way of reading the Bible; the Higher Biblical Criticism as a reflection of 19th century historicism and science; modern readings of the Bible, including psychoanalytic, structuralist, anthropological, and literary interpretations. Prerequisite: completion of two literature courses.

ENGL 379K — SPECIAL TOPICS IN LITERATURE: PRIVATE LIVES. Students will learn how to do original research by utilizing primary sources available in Maryland and the District of Columbia. Students will conduct interviews, use extensive archival collections and analyze oral histories. The questions before the class will be: What is history? How does one understand the nature of ordinary experience and how does one assemble these experiences to "create" history? Each student will study a special person, family or neighborhood and prepare an historical project. Prerequisites: two lower division English courses.

ENGL 379L — SPECIAL TOPICS IN LITERATURE: THE GREAT DIVIDE: THE MODERN AND PRE-MODERN WORLDS. This course will examine the great divide between the modern and pre-modern periods by examining a series of paired Medieval/Renaissance and Modern literary, religious, and psychological texts from *Beowulf* to *Prizzi's Honor*. It will ask what unsuspected continuities and discontinuities exist between the modern and pre-modern periods and what changing ideas of self, society, God, heroism and science are seen. Prerequisites: two Literature courses.

ENGL 379M — SPECIAL TOPICS IN LITERATURE: BRITAIN IN THE AGE OF REVOLUTION, 1760-1820. Deals with how British artists, authors, historians, and political theorists responded to the American and French Revolutions in politics, the Industrial Revolution in economics, and the Romantic Revolution in the arts. In each of these interrelated revolutions a traditional, hierarchic system was challenged by rational, equalitarian premise. Critical thinking will be encouraged by considering opposing views of major events and developments. Prerequisite: any combination of 2 courses from Art, Literature, and/or History. NO PASS-FAIL.

ENGL 379O — SPECIAL TOPICS IN LITERATURE: LANGUAGE AND GENDER: MALE/FEMALE DIFFERENCE IN LANGUAGE USE. By taking this course, students will gain an understanding of how gender affects communication, and, on a more practical level, of what members of the opposite sex (whichever one that is for each student) might mean when they engage in language behavior which the student finds puzzling or off-putting. In addition, students will, it is hoped, learn to appreciate the point of view of the opposite sex (whichever one that happens to be). Prerequisites: two courses from literature and/or linguistics.

ENGL 379V — SPECIAL TOPICS IN LITERATURE: MODERN POETRY AND THE VISUAL ARTS. Focusing on the interaction of modern poetry and the visual arts, ENGL 379V first examines a variety of analytical techniques of interdisciplinary study. These techniques are then applied to modernism's three most important poets: W. B. Yeats, Ezra Pound and T. S. Eliot, involving an examination of the poems, the poets' comments on how those poems are connected to the visual arts, and the painting, sculpture, and architecture that provide the context for the writers and their work. Prerequisites: two college level literature courses.

ENGL 479R — SPECIAL TOPICS IN ENGLISH AND AMERICAN LITERATURE AFTER 1800: READERS, WRITERS, AND RHETORIC. Examines the nature of the reading process: how it develops, how it has changed over time, what influences it, and how different kinds of text may be read. The course samples reading theory in psychology, education, and literature, and applies this theory both to literary texts and to a range of nonfiction prose. Reading is presented as a complex, active process of constructing meaning in a text.

ENGL 489A — SPECIAL TOPICS IN ENGLISH LANGUAGE: THE LANGUAGE OF ADVERTISING. Examines the role of language in fulfilling the two primary purposes of advertising: (1) to inform the consumer and (2) to persuade the consumer to purchase the product. To provide a context for this examination, the course treats not only language which is peculiar to advertising, but also other uses in other kinds of communication, such as the principles governing the use of technical terminology, implications, connotations, etc. Prerequisite: Two lower division courses.

ENGL 489C — SPECIAL TOPICS IN ENGLISH LANGUAGE: THE LANGUAGE OF THE LAW. The language of the law is a special language in every sense — in style, vocabulary, use, syntax, and history. Investigation will show that oral and written legal language to close syntactic analysis and to analysis of the special ways in which it is used. The language of manipulation, in bilingual situations, and as plain English are a part of this course. So are linguistic offenses, notions of linguistic authority, vagueness, language use by witnesses and its comprehensibility to juries. Its sense of drama and ritual are apparent in both real legal language and in literary portrayals of it. Prerequisite: Six credits in courses related to language: writing, linguistics, English language or literature, foreign language, or English department writing internship.

GERM 349A — YIDDISH LITERATURE IN TRANSLATION: YIDDISH CULTURE — THE HOLOCAUST IN FILM AND LITERATURE. Among the most compelling of modern literature is that body of writings dedicated to recording, interpreting, and evaluating the attempted Nazi genocide of the Jews. Different in effect but also of considerable significance are the documentary and commercial films that attempt to present the Holocaust experience. The course encourages students to reflect on the profound questions raised by the depiction of unprecedented extremes of human behavior. Prerequisites: lower level English literature or literature translation course.

GERM 479B — SELECTED TOPICS IN GERMANIC PHILOLOGY: LANGUAGE AND SCIENCE. When does a discipline become a science? How is something as amorphous, abstract, "soft" as language studies scientific? This course focuses on the recent history of the study of language (linguistics) as an example of the maturation of a "science". The basic principles and methodology of modern linguistics are studied with an eye toward understanding the influence of modern scientific methodology on traditional "soft" sciences and, conversely, appreciating the importance of the study of language for modern science. Prerequisite: completion of either the Natural Science & Math, or the Social & Behavioral Sciences requirement as well as some experience with linguistics or foreign language learning.

HEBR 498B — SPECIAL TOPICS IN JEWISH STUDIES: ISSUES IN JEWISH ETHICS AND LAW. An analysis of provocative and controversial issues in family law, business and medical ethics in the light of classical Jewish discussions. Theoretical issues, such as the relationship of ethics to Jewish law, and the dynamics of Jewish law, will also be discussed. Prerequisite: one course in Philosophy or Jewish Studies.

HEBR 498R — SPECIAL TOPICS IN JEWISH STUDIES: RECONSTRUCTING ANCIENT CIVILIZATIONS: THE CASE OF MESOPOTAMIA. What do we know of ancient civilizations? How do we know it? This course examines how archeology and written documents enable modern scholars to reconstruct the civilizations of the ancient Near East. Prerequisite: One course in ancient or medieval history or one course in a foreign literature.

HIST 311A — APPROACHES TO THE PAST: APPROACHES TO EUROPEAN SOCIAL HISTORY. The principal goal of this course is to develop an understanding of the principal historical theories concerning human society and the ways in which historians study human social organization and behavior. The social history of Europe will serve as a common focus for the semester's readings and discussions. Members of the class will be responsible for weekly reading assignments and a 15-20 page term paper analyzing historical approaches to a significant problem in European social history. Prerequisite: one course in history.

HIST 311B — APPROACHES TO THE PAST: HISTORIOGRAPHY.

HIST 311S — APPROACHES TO THE PAST: SCIENCE AND HISTORY — ARCHAEOASTRONOMY AND THE HISTORY OF SCIENCE. This course compares the scientific and humanistic approaches to knowledge, first by examining claims that they are radically different (the "two cultures thesis) and then by showing how science has become more historical, and the scientists are presented as participants in the phenomena they are supposed to observe. Prerequisite: one history course.

HLTH 498T — WAYS OF KNOWING ABOUT HUMAN STRESS AND TENSION. A critical examination of assumptions related to stress and tension via selected methods in the life sciences, the behavioral sciences, and the arts and humanities. The major goal is to help the student attain a position of responsibility with respect to what he or she knows about stress. Prerequisite: HLTH 285 and completion of the Literature and Art component of the Distributive Studies requirement.

PHIL 308A — STUDIES IN CONTEMPORARY PHILOSOPHY: PHILOSOPHY OF LITERATURE AND FILM. Course will deal with problems in the understanding of narrative fiction which are common to literature and film, and with differences between the two media in relation to various artistic goals, narrative and otherwise. We will be interested centrally in the ways and means by which literary and cinematic works manage to contain intellectual content, convey thoughts or attitudes, or present views of the world. And this merely, it seems, by telling stories. Prerequisites: two courses in Literature/Film, or one Literature/Film and one Philosophy course.

PHIL 308D — STUDIES IN CONTEMPORARY PHILOSOPHY: DISCOVERY AND ANALOGY IN SCIENCE. Course will explore answers to the following question: How are new explanatory theories in science constructed? One hypothesis that we will examine is that analogies play a key role in discovery. Consider: constructing a new theory involves putting old ideas together in new ways. Work in several fields is relevant to the topic: philosophy of science on discovery, philosophy on analogies and metaphors, artificial intelligence (AI) on computer systems to make scientific discoveries or reason by analogy. Prerequisites: PHIL 250 or two science courses.

PHIL 308E — STUDIES IN CONTEMPORARY PHILOSOPHY: PHILOSOPHY OF HISTORY. Examines critically alternative answers to fundamental questions in the philosophy of history: What is a historical interpretation? How is a historical interpretation related to the evidence upon which it is based? How, if at all, can a historical interpretation be shown better than competing interpretations? To what extent can this showing be regarded as objective? As scientific? As these questions indicate, the course deals with critical rather than speculative philosophy of history. Prerequisites: six hours in philosophy or history.

PHIL 328B — MARXIST PHILOSOPHY. The major ideas of Marx and Engels (historical materialism, alienation, class struggle, ideology, capitalism, revolution, the state, etc.); with the Hegelian background of Marxist theory; and with 20th century additions and interpretations, including such authors as Lenin, Trotsky, Sartre, Gramsci, Habermas, and a Marxist feminist. Prerequisites: one course in PHIL or GVPT.

PHIL 408D — TOPICS IN CONTEMPORARY PHILOSOPHY — PHILOSOPHICAL ISSUES IN ART HISTORY. Examines methodological problems which arise when art historians mobilize art-historical means (ranging from the eye of the connoisseur to laboratory tests) to achieve the goals of the discipline: discriminating authentic works, fixing dates and authorship, reconstructing artistic context, determining artistic meaning and purpose, uncovering influences, and charting and accounting for developments of style. How far can art-historical conclusions and interpretations be scientific? Or objective? Or value-free? Or free from historical conditioning by the historian's time and culture? Which limitations of art history as we know it are a matter of incomplete evidence and which are structural in the discipline itself? Prerequisites: one course in philosophy and two in art history, or permission of instructor.

PHIL 408F — TOPICS IN CONTEMPORARY PHILOSOPHY — CONTEMPORARY FRENCH AND GERMAN PHILOSOPHY. The central philosophical themes of phenomenology, structuralism and hermeneutics, together with their 19th century background. Applications of these themes to various aspects of modern European culture: technology, mass-media, sexuality, penal institutions, labor, and language. Heidegger, Foucault, Derrida, Ricoeur, Horkheimer, Adorno, Levi-Strauss. Prerequisite: one course in philosophy.

PHIL 408S — TOPICS IN CONTEMPORARY PHILOSOPHY — THE NATURE OF SCIENTIFIC UNDERSTANDING. What is scientific understanding? What is scientific explanation? What assumptions are involved in scientific explanations? Are these assumptions strictly necessary, or are they refinable or replaceable, so as to put science on a firmer footing? If so, how? Are there ultimate limits to scientific explanation? If so, what are they precisely? These questions are explored through historical readings and through intensive examination of contemporary accounts of scientific understanding. Prerequisites: two courses in science or philosophy.

PHIL 428A — ORIGINS OF THE MODERN SCIENTIFIC WORLD VIEW. This course will examine the evolution of modern scientific and philosophical views from the controversies about the nature of science which took place in the 17th and 18th centuries. Among the topics to be discussed are: debates about the aims and methods of science; the nature of space, time, matter, and force; man and God in relation to the physical universe; interactions of philosophical, scientific, and mathematical theories. Prerequisites: none.

PHIL 431 — TOPICS IN CONTEMPORARY PHILOSOPHY — AESTHETIC THEORY AND PHILOSOPHY OF CRITICISM.

PHIL 458A — TOPICS IN THE PHILOSOPHY OF SCIENCE: PHILOSOPHY OF AGRICULTURAL SCIENCE. This course will examine the nature of scientific agricultural knowledge, agriculture's contributions to scientific method, and the applicability of agricultural research techniques to other disciplines such as the Social Sciences. In the process it will examine various philosophical issues that arise in animal behavior studies and explore the roles values have in scientific research and knowledge. Prerequisites: two courses in the agricultural sciences or two courses in philosophy; MATH 111 or STAT 100 or equivalent.

PHIL 458X — TOPICS IN THE PHILOSOPHY OF SCIENCE: CAUSATION AND CAUSAL THINKING. Concerned with the nature of causation and with the importance of causation both in theoretical science and in policy applications. The course divides into four sections of unequal length. The first and longest section will concern itself with the difficult questions of what it is for one event to cause another and of how causal notions are related to issues concerning indiction and explanation. Both historic and contemporary texts will be assigned and studied. The second section will be concerned with the importance of causal notions in theoretical science: Can modern science dispense with causal language altogether? The third section of the course will consider the role of causal knowledge in policy making. Is causal knowledge indispensable in deciding what to do? Prerequisites: one course in philosophy and one course in science, or permission of instructor.

PHYS 499F — SPECIAL PROBLEMS IN PHYSICS: TWENTIETH CENTURY PHYSICS — PHYSICS FOR MANAGERS AND ANALYSTS. A discussion of the foundations of the profound changes in our understanding of the world that came about as result of a number of fundamental discoveries in physics. Includes relativity and the dilation of time, the wave nature of particles, and the quantum nature of waves. Prerequisite: One year of algebra-based physics, such as PHYS 121, 133. Not recommended for majors in any of the physical sciences.

SOCY 498K — SOCIOLOGY OF KNOWLEDGE. The subject of this course is the creation, objectification and legitimation of what is called "knowledge". Our basic approach will be sociological. This is, instead of seeing knowledge as gained and respected for purely logical or empirical reasons, we will examine the acquisition and acceptance of knowledge as a social process, a process through which concepts such as "logical" or "empirical" are themselves constructed and imposed. Within this broad sociological perspective, we will compare several different approaches; for example, we will examine and employ the intellectual strategies of phenomenologists, marxists, functionalists and semioticians for the sociology of knowledge. Prerequisites: introduction to sociology, philosophy or history.

ANALYSIS OF HUMAN PROBLEMS (USP)

AMST 418B — CULTURAL THEMES IN AMERICA: CULTURE AND MENTAL DISORDERS IN MODERN AMERICA. This course will be based on a comparative, cross-cultural approach to the connections between culture and mental disorders in contemporary American society. In considering the social circumstances in which deviance is committed, labelled, and treated, emphasis will be placed on the analysis of the symbolic systems created and employed by deviants, such as psychotics, and of the symbolic systems used by therapists such as psychiatrists. The relationships between these two systems, and their connections to patterns in the general American culture will be explored. Theoretical readings will be supplemented by case studies from American and non-Western cultures. Students will have the opportunity to conduct field observations at local mental institutions. Prerequisite: a course in American studies or an anthropology, psychology, or sociology course.

AMST 418C — CULTURAL THEMES IN AMERICA: THE AMERICAN ENVIRONMENT: CONSERVATION AND ECOLOGY. Prerequisites: none.

AMST 418D — CULTURAL THEMES IN AMERICA: GROWING UP AMERICAN. This course examines growing up in the United States, using historical documents, novels, and child-rearing manuals; emphasis on the transmission of values, knowledge, and beliefs. Prerequisite: a prior course in American Studies, History or Sociology.

AMST 428B — AMERICAN CULTURAL ERAS: AMERICAN FILM CULTURE IN THE 1960s. Investigating the interaction between the film medium and an era of significant cultural change, the course will emphasize: (1) institutional factors (the Hollywood industry, the avant-garde, film critics) that influence the production and appreciation of the motion picture; (2) Hollywood genres (the horror film, the war movie, the gangster melodrama) undergoing transformations during this period; (3) documentaries and experimental narrative films exploring the medium as an instrument for social observation and reform. Prerequisites: one American Studies course, a Film course, a twentieth century American History course, a Sociology course.

ANTH 389B — MEDICINE, HEALTH AND CULTURE. Anthropologists study medical and health behavior in diverse cultural settings. The subject matter for this course ranges from traditional healing and health care practices to contemporary United States medical treatment. Topics include nutrition, cross-cultural dimensions of mental health, medical practices, and professonal roles for health practitioners. Prerequisites: ANTH 102 or related course in the social sciences and permission of instructor.

ARHU 309A — POST WORLD WAR II JAPAN THROUGH FILM AND FICTION. A critical analysis, using fiction, film, and historical writing, of Japan's defeat in World War II, postwar trauma as an occupied country, and ultimate national recovery and emergence as an economic superpower. It asks what changed and what continued and why in Japanese politics, economic life, educational system, the arts, the family and value system, and international relations. Topics include war guilt and the psychology of defeat; the human costs of the atomic bomb; occupation reforms and interaction with the conquerors; peace and security treaties and the resumption of international relations; changing family and social roles; creativity in the arts and sciences; competition in world trade and high technology. Prerequisites: completion of Social & Behavioral Sciences.

ENGL 379F — SPECIAL TOPICS IN LITERATURE: COPING WITH CHANGE. An examination of the kinds of changes which confront the individual and society and ways of coping with these changes as seen in literature and film. Topics will range from personal changes such as adapting to the breakup of a family or a career change to large scale social changes involving alterations in value systems and behavior. Prerequisites: two Literature courses. NO pass/fail option.

ENGL 379N — SPECIAL TOPICS IN LITERATURE: THE LITERATURE OF SENTIMENT AND SENTIMENTALITY. Treats the beginning of the Romantic Movement in England, presenting major works of poetry and prose against the background of the Industrial Revolution, the French Revolution, and the growth of nationalism. The underlying question in the course, however, is how our view of the world around us, and our presentation of human experience has been influenced by the Romantic Revolution. Prerequisite: Completion of two literature courses.

ENGL 379Q — SPECIAL TOPICS IN LITERATURE: UTOPIA & UTOPIAN VISIONS. Treats the development of the Utopian genres in literature and the transformation of some dystopian texts into films. The course emphasizes responses to the following human problems: Frederick Winslow Taylor's "Scientific Management" and modern technocracy, the anti-feminine tradition and feminism, the modern state and individual freedom, the distribution of wealth and the philosophy of pleasure, eugenics and euthanasia, and, finally, the problem of art vs. propaganda as confronted by the author of utopias. Prerequisite: Completion of two literature courses.

ENGL 379R — SPECIAL TOPICS IN LITERATURE: DIFFERENT VIEWS OF THE CHESAPEAKE BAY. Studies the way in which the Bay has served as the subject of observers of different times and with different concerns. Involving scientific, sociological, *and* literary treatments of the subject. The course provides an understanding not only of historical events, but also of the governmental and industrial forces that have influenced life in Maryland. Prerequisite: completion of two literature courses.

ENGL 379S — SPECIAL TOPICS IN LITERATURE: CHANGING IDEAS OF THE CITY IN WESTERN LITERATURE. Deals with the conflict between the modern tendency to think of the *fact* of cities as business centers, slums, cultural resources, etc., and the older concern with the *idea* of cities as places in which people can achieve their highest civic, political, and human potential. The imaginative significance of the city is revealed through reading some of the great "city literature" from Sophocles and Plato to Nathaniel West and George Orwell. Prerequisites: two lower level English courses.

ENGL 379T — SPECIAL TOPICS IN LITERATURE: ON ARGUMENT. This course teaches students the nature and uses of written argument by having them: 1) read some of the great arguments in history, 2) learn the theory and strategies behind these arguments and arguments in general, and 3) practice writing and criticizing arguments themselves. The readings will include works and excerpts from works by John Milton, Adam Smith, Jonathan Smith, Jeremy Bentham, John Stuart Mill, Charles Darwin, E. O. Wilson, and contemporary arguments from different forums. Students will write two short and one longer paper and take a midterm and a final.

ENGL 479A — SELECTED TOPICS IN ENGLISH AND AMERICAN LITERATURE AFTER 1800: IDEAL & REAL COMMUNITIES IN 19th CENTURY AMERICAN LITERATURE. Focuses generally on the problem of defining and developing a new nation that seeks to be an ideal regenerative community and specifically on the role of utopian ideals and the problem of sustaining those ideals as revealed in 19th century American literature. The course treats such classic authors as Cooper, Hawthorne, and Melville as well as such neglected writers as Rebecca Harding Davis, Harriet Wilson, and the anonymous women factory workers in 1840's Lowell. Prerequisite: completion of two literature courses.

FREN 478B — THEMES AND MOVEMENTS OF FRENCH LITERATURE IN TRANSLATION: AUTOBIOGRAPHICAL FICTION BY FRANCOPHONE WOMEN WRITERS. The course examines some of the many questions related to woman's experience and quest for identity. Authors will include Sand, Colette, deBeauvoir, Sarraute, Duras, Cardinal, Blais. In English. Prerequisite: Completion of USP Distributive Studies A & C requirements.

FREN 478C — THEMES AND MOVEMENTS OF FRENCH LITERATURE IN TRANSLATION; CONFLICT BETWEEN INDIVIDUAL AND SOCIETY IN FRENCH LITERATURE. Prerequisite: Junior standing; a course in literature, philosophy, or history of ideas.

FREN 479A — MASTERWORKS OF FRENCH LITERATURE IN TRANSLATION: THE LITERATURE OF EXISTENTIALISM AND THE ABSURD. Readings and discussion of masterworks of 20th century French literature with a focus on the dominant theme of anxiety. Authors include Gide, Malraux, Sartre, Camus, Beckett. Works are analyzed primarily as a reflection of philosophical ideas and historical events that have led to an awareness of the absurd and the formulation of an existentialist outlook. All work in English. Prerequisites: none.

FREN 479D — MASTERWORKS OF FRENCH LITERATURE IN TRANSLATION: IDEOLOGIES AND RELATIONS BETWEEN THE SEXES. The course examines how various ideological trends associated with certain historical periods over the last five centuries are reflected in major French literary works dealing with the relations between the sexes. The primary focus of discussion will be the notion of equality between the sexes. All work in English.

GERM 389J — TOPICS IN GERMANIC CULTURE: HONOR AS A THEME IN WESTERN LITERATURE. This course traces the concept of honor as revealed in literary and philosophical works from classical to modern times, from the *Iliad* and *Beowulf* to Schnitzler's *None But the Brave*, and Harper Lee's *To Kill a Mockingbird*. All readings in English, no previous training required. Prerequisites: a course in literature or cultural anthropology.

GERM 389R — TOPICS IN GERMANIC CULTURE: REASON AND FAITH. An examination of the basic issue of "reason and faith" with readings drawn from both classical and contemporary writers and philosophers such as Bacon, Pascal, Voltaire, Kant, Goethe, Kierkegaard, Kafka, Camus, and Russell. Discussion will center on the crucial role the concepts "reason and faith" play in the daily decision-making process. Prerequisite: an introductory course in one of the following areas: literature, philosophy, cultural anthropology, psychology, or sociology.

HIST 312A — CRISIS AND CHANGE IN THE UNITED STATES: THE CHANGING URBAN SCENE. This course explores the changing urban scene in the United States with emphasis on the effects of urbanization on values, family patterns, intergroup relations and social structure. Theories about urbanization will be considered in relation to the historical evidence regarding cities at different stages of the national development.

HIST 312B — CRISIS AND CHANGE IN THE UNITED STATES: DYNAMICS OF FEDERAL INDIAN POLICY. This course offers in-depth analysis of federal Indian policies in the United States, presenting key periods in the development of policy toward native Americans and inviting students to evaluate the moral dilemmas which shifting federal policies have posed. The course emphasizes receptivity to different cultures and values. Prerequisite: One history course.

HIST 313A — CRISIS AND CHANGE IN EUROPEAN SOCIETY: FREEDOM AND AUTHORITY. An examination from an historical perspective of the conflict between society's demands and the demands of the individual conscience. Areas covered: Ancient World, Modern Totalitarian States (Nazi Germany and the USSR), American Ideas and Experience. Prerequisites: one history course.

HIST 314A — CRISIS AND CHANGE IN THE MIDDLE EAST AND AFRICA: NATIONALISM AND NATION BUILDING IN THE MIDDLE EAST. This course acquaints students with the effect of nationalism on patterns of political conflict and accommodations in the Middle East. Readings and discussions focus on the period since World War I and the collapse of the Ottoman Empire. It explores the challenges presented to Arab and Turkish nation builders in their efforts to defend a national identity, secure full independence and establish a legitimizing national ideology supported by stable political, social and economic institutions. The special place of Iran, with its centuries-old national existence, will also be studied. Prerequisite: one history course.

HIST 316A — CRISIS AND CHANGE IN LATIN AMERICA: SLAVERY AND RACE RELATIONS. This course attempts to help students understand the similarities and differences in the slave systems and the parallel racial tensions that developed in the Americas since the sixteenth century. Emphasis will be placed upon the formation of the slave societies, the tensions caused by the abolition movements that led to the end of the slave era, and the evolutions of modern racism. Prerequisite: one history course.

HIST 458A — SPECIAL TOPICS IN WOMEN'S HISTORY: VICTORIAN WOMEN. Explores the persistence of elements of an ideology developed in one social context into another where both society and values have much changed. Scholarly emphasis on "development" in the study of ideas tends to neglect how frequently what Weber called "outmoded convictions" retain substantial social influence. By having students explore closely the development of concepts about women in the Victorian period, and the way this ideology continues to be influential in many forms of social thought today, a sense of the relationship of major vestigial social ideas to both changing socio-economic relations and reform interests will be conveyed. Prerequisite: one course in history.

NUTR 488F — DEVELOPMENT AND MODIFICATION OF FOOD HABITS. Multi-factual problems related to changing food habits; relationships between food habits and health status; strategies for changing specific food habits. Prerequisite: NUTR 100.

PHIL 308B — PHILOSOPHY OF LIFE. The course introduces students to ethical issues relevant to the way we understand and lead our lives. Questions to be discussed include: How important should morality be within an individual's concerns? How useful is life-planning in leading a good life? Is what is virtuous or good relative to one's time of life? And is it always irrational to choose less than the best? Readings will be from recent works of philosophy and psychology and certain classics of imaginative literature. Prerequisite: one course in philosophy.

PHIL 308F — PHILOSOPHICAL ASPECTS IN FEMINISM. Theoretical frameworks underlying issues of feminism, including theories for and theories against feminist conclusions. Major topics include sex/gender roles, the nature of sexuality, equal rights, pornography, abortion, the family, feminist socialism, and feminist and antifeminist positions. The final topic is the possibility of gender bias in the approach used in the course itself. Prerequisite: One course in philosophy.

PHIL 408A — TOPICS IN CONTEMPORARY PHILOSOPHY: ANALYSIS AND DESIGN OF LEGAL AND MORAL INSTITUTIONS. A study of the relationship between moral principles and the actual design and operation of social institutions and practices. The course seeks to determine whether there are foundational standards by which rules of law and/or morality can be assessed, and to determine the bearing of such standards on social mechanisms such as contracts or procedures for mediation of disputes. Prerequisite: One course in Philosophy and one course in Economics or Government and Politics.

PHIL 408L — TOPICS IN CONTEMPORARY PHILOSOPHY: RACIAL AND SEXUAL DISCRIMINATION. Central aim of the course is to re-examine the bases of our common judgements about discrimination and to work through some of the controversies about anti-discrimination policy. To carry through this aim, the course will focus on (1) the conceptual problems that impede our understanding of what discrimination is; (2) the general principles of justice and equal opportunity that are supposed to explain why discrimination by race or sex is generally wrong, and (3) the difficulties of putting into practice the elimination of discrimination. Prerequisite: one course in philosophy.

PHYS 318N — TOPICS IN CONTEMPORARY PHYSICS: THE RISKS OF NUCLEAR POWER. The physical processes involved and the current state of knowledge in such areas as demand for electricity, power plant systems and operations, the nuclear fuel cycle, properties of radioisotopes, biological effects of ionizing radiation, effects of low-level radiation, societal risks, transportation of radioactive materials, nuclear waste disposal, safety of operation of nuclear power plants, nuclear weapons proliferation and economics of electrical power production. Prerequisite: PHYS 112 or 122, or equivalent.

SOCY 498A — MEDICAL SOCIOLOGY. This course will look at health care and its relationship to the social system in which it takes place. We will examine the relationship between social factors and health; the seeking and use of health services; the profession of medicine including the physician, nurse and paraprofessional; the place of the hospital; the financing of medical care and more. Prerequisite: SOCY 100 or 105.

SOCY 498N — SOCIOLOGY OF NUCLEAR WAR. The course sets nuclear war within a specific conceptual framework of military history and social theories of war and violence. The course covers the history of strategic air and deterrence doctrines; the physics and chemistry of nuclear, chemical, biological, and recombinant DNA weapons; the effects of nuclear and catastrophic war, including social, political, economic, psychological, ecological, and semiotic; current Soviet and American scenarios for nuclear use and conventional force deployment; doctrinal and political connections between nuclear, conventional, and unconventional military options; the morality of war and how the morality itself is a function of the social organization of the production and delivery of violence. Prerequisite: SOCY 100 or 105.

SOCY 498R — WORK, FAMILY, COMMUNITY, AND FRIENDSHIP: ISSUES IN SOCIAL IDENTITY AND WELL BEING. What makes people happy and healthy? How important are ties to others in groups, a sense of community, a feeling of mattering to and caring about others? How important is objective standard of living? How do people maintain their social bonds, while preserving a sense of individual identity? How do the answers to these questions differ by gender, age, education, and race? These are some of the questions to be addressed in this course. Prerequisite: at least one course in sociology or psychology or a course on the family.

DISTINGUISHED SCHOLAR TEACHER COURSES

In 1978-79 the campus initiated the Distinguished Scholar-Teacher Program whereby outstanding scholar-teachers will offer a series of special courses with an interdisciplinary emphasis. Each of the Distinguished Scholar-Teachers offers one course open to undergraduate students regardless of major. For the Fall 1990 Semester, the course and instructor will be:

ARTT 210: Drawing: The Human Body (3), (MW, 12:30-3:00), 2322 Art-Sociology Bldg. Taught by Anne Truitt, Professor of Art. For students interested in drawing the human figure, this course focuses on the human body not only through drawing, but also through larger humanistic concerns. Readings across the disciplines, writing, discussion — all are included. Emphasis of the course is "unremittingly on the hand of the artist, the connection between the hand and the spirit, on intuition rather than technique."

The Distinguished Scholar Teachers represent the best instruction offered at College Park. In view of the general interest of these courses, the instructors will welcome to the classroom any member of the campus community who wishes to attend some or all of the lectures. No advance arrangements are necessary.

COLLEGE PARK SEMINARS, FALL SEMESTER, 1990

Open to freshmen only, each seminar will be comprised of no more than twenty students. These seminars will satisfy a CORE distributive studies requirement. The theme of the seminar series is SCIENCE, TECHNOLOGY, AND SOCIETY.

GNED 189A The Contemporary City (3) (TTH 2:00-3:15) 0118 Reckord Armory Taught by Professor Guido Francescato, Department of Housing and Design. This seminar examines the city in post-industrial society, its historical origins, its culture and its physical and symbolic aspects. **CORE AREA: SOCIAL SCIENCES; CATEGORY: BEHAVIORAL AND SOCIAL SCIENCE.**

GNED 189B Technology and Modernization of the American Home (3) (TTH 9:30-10:45) 0118 Reckord Armory. Taught by Dr. Jo Paoletti, Department of Textiles and Consumer Economics. This seminar traces how technological change has shaped the American home since the mid-19th century. **CORE AREA: SOCIAL SCIENCES; CATEGORY: BEHAVIORAL AND SOCIAL SCIENCE.**

GNED 189D Leisure and Technology (3) (TTH 9:30-10:45) 0301 HHP Building. Taught by Dr. John Churchill, Department of Recreation. This seminar focuses on the interrelationships among and between technology and leisure vis a vis various aspects of society. **CORE AREA: SOCIAL SCIENCES; CATEGORY: BEHAVIORAL AND SOCIAL SCIENCE**

GNED 189D Matters of Life and Death: Social and Ethical Impacts of Technology on Health Care (3) (TTH 12:30-1:45) 0102 Engineering Classroom Building. Taught by Dr. Barbara Kaplan, through the Department of Mechanical Engineering. This semiar will allow students to consider the ethical, political, economical and behavioral implications of technology on health care. **CORE AREA: SOCIAL SCIENCES; CATEGORY: BEHAVIORAL AND SOCIAL SCIENCE.**

DEPARTMENT OF AGRICULTURAL AND EXTENSION EDUCATION

AEED 489I — ISSUES IN MANAGING AGRICULTURAL SCIENCE AND TECHNOLOGY. Unlike other fields such as health care and business, professionals in the agricultural field once thought that management concepts and skills either had to be learned on the job, or else did not really apply to their work. The increasingly complex nature of the technology generation and transfer process has made that view obsolete. The purpose of this course is to address some of the most important issues in managing agricultural science and technology, integrating the scientific and managerial aspects of agricultural development. Examples will be drawn from both the United States and international work, and will be tailored to the needs of those enrolled. The weekly sessions are equally divided into lectures and class exercises. By the end of the semester students will have an appreciation for the major dimensions of management as they apply in different contexts, and will be able to appropriately use several management techniques in setting objectives, planning, implementing and evaluating programs, and in analyzing organizational structure and policy issues. The course is taught by faculty of UMCP's International Development Management Center in cooperation with AEED. This course builds on a two year pilot course in Agricultural Research Management sponsored by the College of Agriculture.

AEED 789I — INSTITUTIONAL DEVELOPMENT IN AGRICULTURAL EXTENSION. Institutional development is the process of improving the ability of institutions to make effective use of human and financial resources available. Sometimes referred to under other names, which encompass all or part of it: institution building, public sector management, and public administration — its main objective is to make effective use of a country's resources, an objective which is central to the development effort and has acquired special urgency in the recent economic crisis of the 1980's. This course considers the problems of institutional development as they relate to agricultural extension in developing countries.

DEPARTMENT OF AGRONOMY

AGRO 105 — SOIL AND THE ENVIRONMENT. CORE and USP approved. This is a down-to-Earth course that uses an ecological approach and a worm's eye view of the soil system to get you involved with such critical issues as nutrient pollution of the Bay, solid waste management, food production, land use planning, home-site selection, radon gas poisoning, acid rain effects, and more.

AGRO 302 — FUNDAMENTALS OF SOIL SCIENCE. CORE and USP nat. sci. with lab. An ecological approach to the nature of the soil system. Deals with the soil as a natural body, geography of soils, and soils as media for growth of natural vegetation, crops, lawns and ornamentals. An opportunity to apply principles of basic science to growing plants, waste disposal, environmental quality and soil erosion.

COLLEGE OF BUSINESS AND MANAGEMENT

BMGT 230's new resampling section offers a new way to do statistics — without the confusion of formulas, distributions and the tables. This special section of this course will stress simulation (coin flipping, card picking, and their computer equivalents) — NO MATH REQUIRED. You will like it and do well no matter how scared you are of stats. Only the resampling section offers this approach; registration will be first-come first-served. For information, call the Resampling Project (522-2713), or drop us a note at BMGT faculty services, Tydings Hall.

DEPARTMENT OF BOTANY

BOTN 211 — ECOLOGY AND MANKIND. Learn how the world works and our place in it. This is the only biological broad-based course, designed for non-science majors, that relates basic ecological principles to contemporary environmental issues such as overpopulation, pollution, the energy crisis, and loss of biological diversity. No prerequisites. Satifies USP Distributive Studies Area B non-lab science requirement and Core Life Science Non-Lab Course.

DEPARTMENT OF COMPUTER SCIENCE

CMSC 400 — INTRODUCTION TO COMPUTER SYSTEMS AND SOFTWARE. This new course is intended primarily for graduate students in other disciplines as a gateway to enter upper division and graduate CMSC courses in computer systems architecture and operating systems (CMSC 411 and CMSC 412), data structures (CMSC 420) and in compilers (CMSC 430). Topics include assembly language and instruction execution for von Neumann architectures; records, arrays, pointers, parameters, and recursive procedures; advanced programming techniques; I/O structures and interrupt handling, and finite state automata. Prerequisites: MATH 141 and experience with some high-level programming language; graduate standing or permission of department. CMSC 400 may not be counted for credit in the graduate or undergraduate program in computer science.

DEPARTMENT OF ECONOMICS

ECON 398C — WORKSHOP IN PUBLIC SECTOR AND MACROECONOMICS. TuTh 12:30-1:45 (Prerequisite ECON 305 or 405) This "capstone" course or workshop taught by Professor Martin Baily will examine topics in macroeconomics, including productivity and investment, public expenditures, debt, taxation, and the role of monetary and fiscal policy in economic stabilization. A research paper is the principal course requirement.

ECON 398D — COMPARATIVE INSTITUTIONAL DEVELOPMENT. TuTh 12:30-1:45 (Prerequisite ECON 305, 306, or 315) Analysis of the role of the institutional framework in development, including the role of property rights, governmental regulation, and credit markets as they affect incentives to work, save, and invest. The course will be taught by Professor Clague, who is heading a major multi-year reserach project on economic development which focuses on the role of institutions and property rights, a distinctly different point of departure from the usual development literature.

DEPARTMENT OF SPECIAL EDUCATION

EDSP 210 — INTRODUCTION TO SPECIAL EDUCATION Characteristics and needs of individuals who are handicapped are examined. Current issues in special education are discussed. Open to all students considering special education.

EDSP 288C — CAREER DEVELOPMENT IN SPECIAL EDUCATION Thinking about majoring in special education... but unsure as to whether or not this is the "right field" for you? Sign up for EDSP 288C, Career Development in Special Education. Not only will you get a good idea of the special education field and what it's *really* like to work in this area, but you'll also learn some college success skills and get the "low-down" on how to make the campus resources work for *you*.

DEPARTMENT OF ENGINEERING SCIENCE

ENES 389 — HOW THINGS WORK, TECHNOLOGICAL LITERACY FOR THE 1990's. An introduction to modern technology for non-technical majors. Topics include electricity and electronices, computers, communication systems, digital devices such as compact disk players and digital watches, and nuclear and conventional electric power systems. Course approved for credit as a core physical science course under new distributive studies program.

RELIABILITY ENGINEERING PROGRAM

ENRE 462 — BASIC RELIABILITY ENGINEERING (3) Organization, management and communication concepts in Reliability Engineering will be discussed. Mechanisms and physics of failure and methods for failure-rate determination will be presented. Methods of designing for reliability and designing for maintainability will be discussed.

ENRE 648A — ENSURING SOFTWARE RELIABILITY AND INTEGRITY (3) Defining software reliability and determining those inherent characteristics of software which determine reliability. Development of structured design and code and structured test and maintenance of software. Examination of software reliability models. Software redundancy, fault tree analysis and FMEAs.

FOREIGN LANGUAGE

FOLA 108K — INTRODUCTORY READING FOR SPEAKERS OF KOREAN. Reading and writing practice in Korean. Course progresses from an introduction of *Hangul* (the Korean alphabet) to the reading of easy literature. Discussion in simple Korean.

DEPARTMENT OF HUMAN NUTRITION AND FOOD SYSTEMS

FOOD 105 — PROFESSIONAL ORIENTATION (1 credit). An introduction to careers in the fields of food, nutrition, dietetics, and foodservice administration.

DEPARTMENT OF FRENCH

FREN 203H — Not a section of 203, but a separate course designed for students who want to work more in depth. Geared to the highly motivated student, the class will focus on French literature and culture through reading of literary texts and articles from current French periodicals. Also includes grammar review. Dr. Ann Demaitre

FREN 241 — FRENCH WOMEN-WRITERS IN TRANSLATION. A study of several twentieth-century fictional texts by women-writers from France and French-speaking groups. Each text will be placed in its socio-historical and cultural context. Writers treated: Colette, Simone de Beauvoir, Marguerite Duras, Marie Cardinal, Anne Hebert, Mariama Ba and Maryse Conde. Meets new CORE requirement in Humanities and the Arts in the DIVERSITY requirement. All work in English. Dr. Madeleine Hage

FREN 479D — IDEOLOGIES AND RELATIONS BETWEEN THE SEXES. Readings and discussions of French literary works in which the theme of sexual equality is treated. Reading list ranges from the medieval Tristan legend to works by Simone de Beauvoir and Marguerite Duras. Meets USP Advanced Studies Requirement. All work in English. Dr. William MacBain

FREN 479C — I AND THEY. Selected masterworks of French literature dealing with the conflict between the individual and society, and the tensions arising out of this conflict. Works by male and female writers will be studied from several historical periods. The reading list will include works by Mme de Lafayette, Benjamin Constant, Jean Racine, Alain Fournier, Camus, as well as texts by prominent women writers from the 20th century. Meets USP Advanced Studies Requirement. All work in English. Dr. William MacBain

DEPARTMENT OF GEOGRAPHY

GEOG 322 — CENTRAL AMERICA, THE CARIBBEAN AND MEXICO. The physical framework, broad economic and historical trends, cultural patterns, and regional diversification of Mexico, Central America, the West Indies.

GEOG 410 — COLONIAL NORTH AMERICA. The changing geography of the U.S. and Canada from pre-Columbian times to the end of the 18th century. Emphasis on areal variations, and changes in the settlements and economies of Indian and colonial populations. Areal specialization, and the changing patterns of agriculture, industry, trade and transportation. Population growth, composition and interior expansion. Regionalization.

GEOG 448 — FIELD AND LABORATORY TECHNIQUES IN ENVIRONMENTAL SCIENCE. This environmental course includes an all day field trip every week on Fridays. 3 credits only this semester. Prerequisite: GEOG 201, or GEOL 100, or, AGRO 105, or ENCE 221, or consent of Dr. A. Marcus. A variable credit course that introduces field and laboratory analyses in environmental science.

GEOG 456 — THE SOCIAL GEOGRAPHY OF METROPOLITAN AREAS. A socio-spatial approach to man's interaction with his urban environment; the ways people perceive, define, behave in, and structure their cities and metropolitan areas. Spatial patterns of social activities as formed by the distribution and interaction of people and social institutions.

GEOG 482 — GEOGRAPHIC INFORMATION SYSTEMS. Prerequisite: GEOG 373 or consent of instructor. The construction and use of computer-based information systems. The collection, manipulation and automated display of geograhical data. Applications in areas such as resource management, political boundaries, terrain analysis and community planning.

GEOG 498B — BIOGEOGRAPHY. The course is for seniors and graduate students with some background in one or more of the following: physical geography, environmental science, ecology, botany, zoology, agronomy. The recognition of changes, such as greenhouse warming, tropical deforestation, species extinctions and pollution has alerted the world to the possible global consequences and has highlighted the need for a greater understanding of biogeographical concepts. This course will take a broad approach to the subject and lay the foundations for more advanced studies.

GEOG 679A — SEMINAR IN URBAN GEOGRAPHY: AMERICAN CITY: PAST AND PRESENT. An examination of the changing internal structure of the American city/metropolis from 1800 to the present. Particular attention to the role of immigration (ethnicity, migration), race, and transportation. An opportunity for students to develop research topics in these areas.

GERMANIC LANGUAGES & LITERATURES

GERM 141 — ELEMENTARY YIDDISH I (Bilig).

GERM 280 — GERMAN-AMERICAN CULTURAL CONTRAST (Pfister). This course is designed to make the student aware of both the surface and deep cultural differences between German-speaking people and Americans. Of particular interest to those who plan to visit Germany, Austria, or Switzerland. No prerequisites; readings and instruction in English. USP AREA A.

GERM 282 — GERMANIC MYTHOLOGY (Fleck). An introduction to the world of gods, giants, dwarfs, trolls, dragons, and heroes believed in by the Germanic tribes before their conversion to Christianity. Source readings from the *Eddas*, skaldic poetry, and the sagas. Comparison with the related mythologies of Greece and Rome, the Celts, Iran and India. No prerequisites; readings and instruction in English. USP AREA A.

GERM 381 — GERMAN CIVILIZATION I (Staff). A survey of the general culture of the German-speaking peoples from their emergence on the European scene through the Middle Ages and up to the beginning of the 19th century. Art, architecture, and music presented with slides and recordings. No prerequisites; readings and instruction in English. USP AREA A.

GERM 384A — THE AGE OF CHIVALRY (Fleck). The life-style of north central Europe focusing on the 12/13th centuries. The courtly literature of the German language area is contrasted with its Celtic and Romance models and with the bawdy counter-culture of the popular and folk narrative. As a project each student handcrafts a medieval artifact or learns a period skill. No prerequisites; reading and instruction in English. USP AREA A.

DEPARTMENT OF ITALIAN

ITAL 475/499 — THE ITALIAN CINEMA: A CULTURAL APPROACH. A study of Italian society and culture through the medium of literature and film. Emphasis on neorealism (Rossellini, DeSica, Visconti), and post-neorealism (Fellini, Antonioni) with reference to some major Italian writers (Boccaccio, Verga, Moravia and Levi).

DEPARTMENT OF MATHEMATICS

MATH 472-473/MAPL 472-473 — METHODS AND MODELS IN APPLIED MATHEMATICS. This two-semester course will give students a glimpse of current research in selected topics from mechanics whose treatment does not involve a large amount of mathematical machinery. Topics include finite dimensional mechanics (Lagrangian and Hamiltonian formulation), calculus of variations, buckling and bifurcation theory, vibrations, reaction diffusion equations, Navier Stokes equations, water waves, optimal control, nonlinear programming. Prerequisites are flexible but should include the equivalent of MATH 246 (introductory differential equations), MATH 241 (third semester calculus), MATH 240 (introductory linear algebra) and PHYS 161 or PHYS 171. Simultaneous registration in MATH 472 and one of the prerequisites may be allowed.

DEPARTMENT OF MICROBIOLOGY

MICB 100 — BASIC MICROBIOLOGY: From the Plague to Designer Genes. The biology of how micro-organisms impact on everyday life. This course is designed for non-science majors as an interactive lecture-laboratory course intended to introduce students to historical and conceptual aspects of science, microbiology, and bio-technology. The laboratory will stress discussion of concepts in leu of the development of laboratory skills. CORE Distributive Studies. No Prerequisite. Dr. Spencer Benson

DEPARTMENT OF MUSIC

MUSC 130 — SURVEY OF MUSIC LITERATURE (3) Satisfies USP-C requirement. Open to all students except music and music education majors. A study of the principles upon which music is based, and an introduction to the musical repertoires performed today in America and throughout the world. MWF 9:00, Prof. Shelley G. Davis; MWF 10:00, Prof. E. Eugene Helm; MWF 11:00, Prof. Richard Wexler.

MUSC 210 — THE IMPACT OF MUSIC ON LIFE (3) Satisfies USP-C requirement. Open to all students. A consideration of race, class, gender, politics, technology, and economics as factors determining what assumes value in the music cultures of both Western and non-Western societies. MWF 3:00, Prof. Marcia Herndon.

MUSC 340 — MUSIC LITERATURE SURVEY I (3) Satisfies Advance Studies: Development of Knowledge requirement. Open to all students except music and music education majors. Masterpieces of the instrumental and vocal repertory, including works by Bach, Mozart, Beethoven, Brahms, Wagner, Verdi, and Debussy explored in terms of contemporaneous criticism. Prerequisite: MUSC 130 or the equivalent. MW 2:00-3:15, Prof. Howard Serwer.

MUSC 432 — MUSIC IN WORLD CULTURES I (3) Satisfies Advance Studies: Diversity requirement. Musics from Polynesia and Asia analyzed in terms of musical, social, and aesthetic approaches. Prerequisite: MUSC 130 or permission of instructor. Tu 3:30-6:00, Prof. Carol E. Robertson.

DEPARTMENT OF PHILOSOPHY

PHIL 308G — INTRODUCTION TO VIRTUE ETHICS (Vania). Views of the ideal person in the writings of thinkers from Aristotle to the moderns.

PHIL 308J — LOGIC FOR PHILOSOPHY (Rey). Introduction to symbolic logic with emphasis on its philosophical significance.

PHIL 416 — MEDIEVAL PHILOSOPHY (Svenonius). Augustine, Thomas Aquinas, Occam and others on topics such as substance, essence, causation, thinking, perception, and the soul.

PHIL 442/688N — NORMATIVE ETHICS (Slote). Normative ethical theories of Plato, Aristotle, the Stoics, Kant, and the utilitarians.

PHIL 453 — PHILOSOPHY OF SCIENCE II (Bub). An in-depth study of current discussions of central issues concerning the concepts of scientific theory evidence, explanation and objective truth.

PHIL 478/688P — PHILOSOPHICAL LOGIC (Horty). Study of selected non-classical and non-monotonic logics, possible-world semantics, and argument systems.

DEPARTMENT OF PSYCHOLOGY

PSYC 386/387 — A THEMATIC EXPERIENTIAL LEARNING COURSE ON SERVICE TO THE CHRONIC MENTALLY ILL. Students will spend 8-9 hours per week in supervised settings that either do research on schizophrenia (e.g., NIMH) or that provide services for people who suffer from severe mental disorders. Depending on the desires of the students, the service training facilities will either be inpatient (e.g., Sheppard Pratt) or aftercare (halfway houses, shelters, rehabilitation programs, drop-in clinics, etc.) There will also be a two-hour class each week. One hour will present basic educational instruction in service provision to chronic mentally ill persons. The second hour will be devoted to helping students consolidate their placement experiences. Readings and a paper relevant to the student's placement are also required.

SLAVIC LANGUAGES AND LITERATURES

SLAV 281 — RUSSIAN LANGUAGE AND PREREVOLUTIONARY CULTURE (Berry). Russian history, literature, music, art and cuisine are examined to better understand why Russians are called "mad" and why their outlook on life is different from ours. No prerequisites; instruction in English. USP AREA A.

SLAV 328A — FROM PUSHKIN TO DOSTOEVSKY (Berry, Lekic). The Golden Age of Russian literature — a basic introduction for the general university student. Class discussion will be supplemented by slides and films. No prerequisites; readings and instruction in English. USP AREA C.

SLAV 327 (OLD 489) — OLD RUSSIAN LITERATURE IN TRANSLATION (Hitchcock). No prerequisites; readings and instruction in English.

DEPARTMENT OF SOCIOLOGY

SOCY 769W/498W — WOMEN IN THE MILITARY. Prerequisite: SOCY 464 or 324 or 424 or permission of instructor. Analysis of past, present, and future trends in women's roles in the military using theory and empirical research from an interdisciplinary and cross-national perspective. Examination of how women's military roles are affected by cultural values as well as by technology, demography, occupational structures, and rationality. (Undergraduate students should be advised that this is primarily a graduate course and will be conducted as a seminar. Students will be expected to work independently and think critically.)

WOMEN'S STUDIES PROGRAM

WMST 498C — FEMINISM AND VISUAL CULTURES A feminist analysis of a variety of media in the contemporary period emphasizing diverse women's contributions in order to shift focus from the dominant Eurocentric culture as normative to a more multi-cultural perspective. *Beck, WMST and Withers, ARTH.*

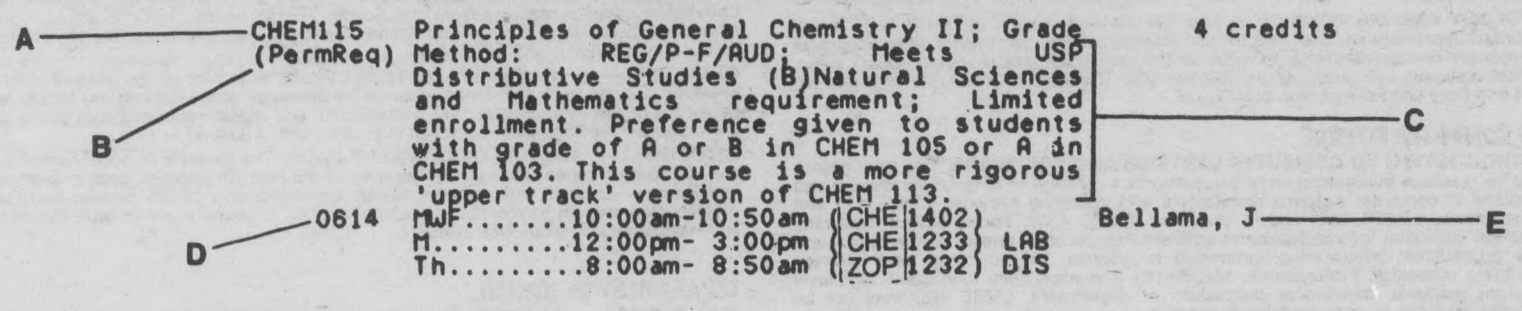
WMST 498D — FEMINISM AND WRITING TECHNOLOGIES This course is about the politics of the oral and the written — it examines the political histories of writing technologies, global literary production in relation to decolonization, feminist critiques of communication theories and feminist rethinkings of literary value. *King, WMST*

WMST 601 — GRADUATE SEMINAR: ADVANCED FEMINIST THEORY This seminar will examine critically the various theories which feminists have offered to explain systems of heirarchy based on gender. It will relate to our Fall 1990 Polyseminar, whose subject this year will be "Feminist Theory and Women's Activism." Students will attend the 5 Monday night Polyseminar lectures, and the speakers will meet with the Graduate Seminar during class the next day. Prerequisite: Graduate student standing with 6 credits of Women's Studies coursework OR evidence of previous work in Women's Studies, and/or consent of instructor. *Moses and Rosenfelt, WMST*

SEPTEMBER 17th IS THE LAST DAY TO:

- ADD A COURSE
- DROP A COURSE (WITHOUT A "W")
- CHANGE CREDIT LEVEL
- CHANGE GRADING OPTION
- APPLY FOR DECEMBER 1990 DIPLOMA
- PROCESS A LATE REGISTRATION

HOW TO READ COURSE LISTINGS



A. Course number, title and credits.

B. Permission required — indicates course is restricted. Students planning to request restricted courses must go to the department offering the course for authorization. Students should be sure they have a department authorization stamp, on their Schedule Request Form, prior to their registration appointment.

C. Course information — outlines information such as grading methods, prerequisites, if course meets USP requirement, special requirements, and notes.

D. Section number — The first line of information next to the section number usually refers to the meeting time and room location (room location is indicated in parentheses) for the lecture segment of the course. Laboratory (LAB) and discussion (DIS) meeting times and locations are shown on the second and third lines when applicable.

E. Instructor

AASP Afro-American Studies (Behavior & Social Sci)

AASP100 Introduction to Afro-American Studies; Grade Method: REG/P-F/AUD. CORE Distributive Studies Social or Political History Course. USP Distributive Studies Area A Course. Sections 0107 and 0108 include computer application. — 3 credits

0101	MW.....12:00pm-12:50pm (LEF 2205)		Smead, H
	F.....10:00am-10:50am (EGR 0135)	DIS	
0102	MW.....12:00pm-12:50pm (LEF 2205)		Smead, H
	F.....10:00am-10:50am (COL 0100)	DIS	
0103	MW.....12:00pm-12:50pm (LEF 2205)		Smead, H
	F.....11:00am-11:50am (COL 0100)	DIS	
0104	MW.....12:00pm-12:50pm (LEF 2205)		Smead, H
	F.....11:00am-11:50am (EGR 0104)	DIS	
0105	MW.....12:00pm-12:50pm (LEF 2205)		Smead, H
	F.....12:00pm-12:50pm (COL 0100)	DIS	
0106	MW.....12:00pm-12:50pm (LEF 2205)		Smead, H
	F.....12:00pm-12:50pm (CHM 0124)	DIS	
0107	MW.....12:00pm-12:50pm (LEF 2205)		Smead, H
	F.....9:00am- 9:50am (LEF 0221)	DIS	
0108	MW.....12:00pm-12:50pm (LEF 2205)		Smead, H
	F.....1:00pm- 1:50pm (LEF 0221)	DIS	
0201	W.....6:30pm- 9:00pm (LEF 2208)		STAFF

AASP101 Public Policy and the Black Community; Grade Method: REG/P-F. CORE Distributive Studies Behavioral and Social Science Course. Formerly AASP 300. — 3 credits

0101	TuTh.....12:30pm- 1:45pm (LEF 1220)	Lashley, M
0201	M.....6:00pm- 7:30pm (TLF 0110)	Cornelius, L
0301	Tu.....7:00pm- 9:30pm (LEF 1222)	May, C

AASP200 African Civilization; Grade Method: REG/P-F/AUD. CORE Distributive Studies Humanities Course. USP Distributive Studies Area A Course. — 3 credits

0101	MWF.....9:00am- 9:50am (LEF 1220)	Contee, A
0201	TuTh.....2:00pm- 3:15pm (TAA 1122)	Lashley, M

AASP202 Black Culture in the United States; Grade Method: REG/P-F/AUD. CORE Distributive Studies Social or Political History Course. USP Distributive Studies Area A Course. — 3 credits

0101	MW.....10:00am-10:50am (SHM 2101)		Harley, S
	F.....10:00am-10:50am (LEF 1208)	DIS	
0102	MW.....10:00am-10:50am (SHM 2101)		Harley, S
	F.....10:00am-10:50am (EGR 2112)	DIS	
0103	MW.....10:00am-10:50am (SHM 2101)		Harley, S
	F.....11:00am-11:50am (CHE 2145)	DIS	
0104	MW.....10:00am-10:50am (SHM 2101)		Harley, S
	F.....11:00am-11:50am (TLM 0138)	DIS	
0105	MW.....10:00am-10:50am (SHM 2101)		Harley, S
	F.....12:00pm-12:50pm (EGR 0104)	DIS	
0106	MW.....10:00am-10:50am (SHM 2101)		Harley, S
	F.....9:00am- 9:50am (LEF 1208)	DIS	

AASP298A Special Topics in Afro-American Studies: Slavery in the Americas; Grade Method: REG/P-F/AUD. — 3 credits

0101	TuTh.....9:30am-10:45am (LEF 1208)	Smead, H

AASP298B Special Topics in Afro-American Studies: Black - Asian Relations in the United States; Grade Method: REG/P-F/AUD. — 3 credits

0101	TuTh.....3:30pm- 4:45pm (ASY 2309)	Chan, T

AASP298V Special Topics in Afro-American Studies: The Blues as a Cultural Art Form; Grade Method: REG/P-F/AUD. — 3 credits

0101	W.....1:00pm- 3:30pm (SDH 3123)	Williams, J

AASP312 Social and Cultural Effects of Colonization and Racism; Grade Method: REG/P-F/AUD. CORE Distributive Studies Cultural Diversity Course. — 3 credits

0101	TuTh.....2:00pm- 3:15pm (LEF 1220)	Williams, R

AASP386 (PermReq) Field Work; Grade Method: REG/P-F/AUD. — 1-3 credits

0101	Th.....6:00pm- 7:00pm (LEF 2169)	STAFF

AASP387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD. — 1-3 credits

0101	Th.....6:00pm- 7:00pm (LEF 2169)	STAFF

AASP397 (PermReq) Senior Thesis; Grade Method: REG/P-F/AUD. Prerequisites: AASP 305; and permission of department. — 3 credits

0101	Time and room to be arranged	Myers, S

AASP411 Black Resistance Movements; Grade Method: REG/P-F/AUD. — 3 credits

0101	TuTh.....11:00am-12:15pm (EDU 4233)	Smead, H

AASP441 Science, Technology, and the Black Community; Grade Method: REG/P-F/AUD. CORE Distributive Studies Cultural Diversity Course. Prerequisite: AASP 100 or AASP 202 or HIST 255 or permission of department. — 3 credits

0101	M.....2:00pm- 4:30pm (JRN 1103)	Myers, S

AASP498S Special Topics in Black Culture: Sociology of Race Relations; Grade Method: REG/P-F/AUD. — 3 credits

0101	Tu.....5:00pm- 7:30pm (ASY 1213)	Cornelius, L

AASP498W Special Topics in Black Culture: Black Women in the United States of America; Grade Method: REG/P-F. — 3 credits

0101	W.....1:00pm- 3:30pm (ASY 3217)	Harley, S

AASP499A Advanced Topics in Public Policy and the Black Community: Economics of Poverty and Discrimination; Grade Method: REG/P-F/AUD. — 3 credits

0101	TuTh.. ....9:30am-10:45am (MCB 1207)	Williams, R

AASP499U Advanced Topics in Public Policy and the Black Community: Housing and Urban Policy; Grade Method: REG/P-F/AUD. — 3 credits

0101	Th.....7:00pm- 9:30pm (LEF 1201)	Felder, H

AASP499Z (PermReq) Advanced Topics in Public Policy and the Black Community: Diversity in Oneness: the Making of African American Communities; Grade Method: REG. Seminar team taught with AASP Prof. Harley, ENGL Prof. Peterson and WMST Prof. Bolles. — 4 credits

0101	MWF.....11:00am-12:30pm (TLF 0135)	Peterson, C

AEED Agricultural and Extension Education (Agriculture)

AEED323 Developing Youth Programs; Grade Method: REG. USP Advanced Studies Analysis of Human Problems Course. — 3 credits

0101	TuTh.....11:00am-12:15pm (SYM 0200)	Miller, M

AEED389A (PermReq) Selected Topics: Agricultural Leadership Development; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

AEED389B (PermReq) Selected Topics: Advanced Leadership Procedures; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

AEED489 (PermReq) Field Experience; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-4 credits

AEED489A (PermReq) Field Experience: Early Career Teachers Course; Grade Method: REG/P-F/AUD. — 3 credits

0101	Time and room to be arranged	STAFF

AEED489I Field Experience: Managing Agricultural Science and Technology; Grade Method: REG/AUD. — 3 credits

0101	M.....4:00pm- 7:00pm (CSS 4339)	Ingle, M

AEED499 (PermReq) Special Problems; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

AEED626 Program Development in Adult and Continuing Education; Grade Method: REG. — 3 credits

0101	M.....7:00pm- 9:40pm (SYM 0115)	Rivera, W

AEED691 Research Methods in Adult and Continuing Education; Grade Method: REG/AUD. Prerequisite: EDMS 645 or its equivalent. — 3 credits

0101	Tu.....5:00pm- 7:40pm (SYM 0115)	Wisler, C

AEED699 (PermReq) Special Problems; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

AEED789I (PermReq) Special Topics: Institutional Development in Agricultural Extension; Grade Method: REG/AUD. — 3 credits

0101	W.....4:00pm- 6:40pm (SYM 0115)	Rivera, W

AEED789X Special Topics: Comparative Extension Systems; Grade Method: REG. — 3 credits

0101	W.....7:00pm- 9:40pm (SYM 0115)	Rivera, W

AEED798A Seminar in Rural Education: Joint Vocational Education Seminar; Grade Method: REG/AUD. — 3 credits

0101	W.....4:15pm- 7:00pm (JMP 1202)	Hebeler, J

AEED799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

AEED899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

AGRO Agronomy (Agriculture)

AGRO101 Introductory Crop Science; Grade Method: REG/P-F/AUD. CORE Distributive Studies Life Science Laboratory Course. USP Distributive Studies Area B Course. Credit will be granted for only one of the following: AGRO 101 or AGRO 100 and AGRO 102. — 4 credits

0101	MW.....10:00am-10:50am (HJP 2242)		Slaughter, L
	TuTh.....12:00pm- 2:00pm (HJP 0210)	LAB	
0102	MW.....10:00am-10:50am (HJP 2242)		Slaughter, L
	TuTh.....2:00pm- 4:00pm (HJP 0210)	LAB	

AGRO105 Soil and Environmental Quality; Grade Method: REG/P-F/AUD. CORE Distributive Studies Life Science Course. USP Distributive Studies Area B Course. — 3 credits

0101	TuTh.....2:00pm- 3:15pm (HJP 2242)	Weil, R

AGRO302 Fundamentals of Soil Science; Grade Method: REG/P-F/AUD. CORE Distributive Studies Life Science Laboratory Course. USP Distributive Studies Area B Course. Prerequisite: CHEM 103. — 4 credits

0101	TuTh.....3:30pm- 4:45pm (HJP 2242)		Weil, R
	Tu.....9:00am-11:50am (HJP 0210)	LAB	
0102	TuTh.....3:30pm- 4:45pm (HJP 2242)		Weil, R
	W.....9:00am-11:50am (HJP 0210)	LAB	
0103	TuTh.....3:30pm- 4:45pm (HJP 2242)		Weil, R
	W.....4:00pm- 6:50pm (HJP 0210)	LAB	

AGRO305 Introduction to Turf Management; Grade Method: REG/P-F/AUD. Formerly AGRO 405. — 3 credits

0101	TuTh.....2:00pm- 2:50pm (HJP 1104)		Carroll, M
	Th.....3:00pm- 5:50pm (HJP 1104)	LAB	

AGRO308 Field Soil Morphology; Grade Method: REG/P-F/AUD. — 1-2 credits

0101	Time and room to be arranged	Weismiller, R

AGRO386 Field Work; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

AGRO387 Field Work Analysis; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

AGRO398 Senior Seminar; Grade Method: REG/P-F/AUD. — 1 credit

0101	M.....3:00pm- 3:50pm (HJP 1104)	Slaughter, L

AGRO406 Forage Crops; Grade Method: REG/P-F/AUD. Prerequisite: BIOL 105. Recommended: BIOL 106. Previous or concurrent registration in AGRO 101 required. — 3 credits

0101	MWF.....8:00am- 8:50am (HJP 1104)	STAFF

AGRO414 Soil Morphology, Genesis and Classification; Grade Method: REG/P-F/AUD. Prerequisite: AGRO 302. — 4 credits

0101	MWF.....10:00am-10:50am (HJP 0103)		Fanning, D
	W.....2:00pm- 5:00pm (HJP 0103)	LAB	

AGRO423 Soil-Water Pollution; Grade Method: REG/P-F/AUD. Prerequisites: AGRO 302 and CHEM 104 or permission of department. — 3 credits

0101	MWF.....8:00am- 8:50am (HJP 1104)	Weismiller, R

AGRO453 Weed Science; Grade Method: REG/P-F/AUD. — 3 credits

0101	MF.....2:00pm- 2:50pm (HJP 1104)		Glenn, D
	W.....2:00pm- 4:50pm (HJP 1104)	LAB	

AGRO454 Air and Soil Pollution Effects on Crops; Grade Method: REG/P-F/AUD. — 3 credits

0101	MWF.....1:00pm- 1:50pm (HJP 1104)	Mulchi, C

AGRO499 (PermReq) Special Problems in Agronomy; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

AGRO608 (PermReq) Research Methods; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-4 credits

AGRO608T (PermReq) Research Methods: Teaching Methods in Agronomy; Grade Method: REG/AUD. — 1-3 credits

0101	Time and room to be arranged	STAFF

AGRO722 Advanced Soil Chemistry; Grade Method: REG/AUD. Prerequisites: AGRO 202 and permission of both department and instructor. — 3 credits

0101	MWF.....10:00am-10:50am (HJP 1104)	James, B

AGRO789A Advances in Agronomy Research: Computer Packages for Biological Data Analysis; Grade Method: REG/AUD. Concurrent registration in BIOM 405 section 0101. — 2 credits

1101	MW.....11:00am-11:50am (HJP 1104)	McIntosh, M

AGRO789B Advances in Agronomy Research: Methods in Pedology; Grade Method: REG. Previous or concurrent registration in AGRO 414. — 4 credits

0101	TuTh.....9:00am- 9:50am (HJP 0103)		Rabenhorst, M
	TuTh.....2:00pm- 5:00pm (HJP 0103)	LAB	

AGRO798 Agronomy Seminar; Grade Method: REG/AUD. — 1 credit

0101	M.....4:00pm- 5:50pm (HJP 1104)	Carroll, M

AGRO799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. A total of six hours required for thesis option for M.S. degree. — 1-6 credits

AGRO899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. A total of twelve hours required for Ph.D. degree. — 1-8 credits

AMST American Studies (Arts and Humanities)

AMST201 Introduction to American Studies; Grade Method: REG/P-F/AUD. CORE Distributive Studies Humanities Course. USP Distributive Studies Area A Course. — 3 credits

0201	MWF.....10:00am-10:50am (TLF 2108)		Frank, T
0301	MWF.....11:00am-11:50am (TLF 2108)		Taylor, D
0401	MWF.....12:00pm-12:50pm (TLF 2108)		Frank, T
0501	MWF.....1:00pm- 1:50pm (TLF 2108)		Taylor, D
0601	TuTh.....11:00am-12:15pm (TLF 2110)		Hogg, A
0701	TuTh.....11:00am-12:15pm (TLF 2108)		Lott, D
0801	TuTh.....9:30am-10:45am (TLF 2108)		Lott, D
0901	TuTh.....12:30pm- 1:45pm (TLF 2103)		Keating, A
1001	TuTh.....12:30pm- 1:45pm (TLF 2108)		Hogg, A
1101	TuTh.....2:00pm- 3:15pm (TLF 2110)		Keating, A

AMST203 Popular Culture in America; Grade Method: REG/AUD. CORE Distributive Studies Humanities Course. USP Distributive Studies Area D Course. — 3 credits

0101	MWF.....10:00am-10:50am (TLF 2126)	Mintz, L

AMST205 Material Aspects of American Life; Grade Method: REG/AUD. CORE Distributive Studies Arts Course. USP Distributive Studies Area A Course. — 3 credits

0101	MWF.....12:00pm-12:50pm (TLF 2110)		Lachin, T
0201	MWF.....1:00pm- 1:50pm (JRN 1104)		Lachin, T

AMST207 Contemporary American Cultures; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area A Course. — 3 credits

0101	TuTh.....12:30pm- 1:45pm (ASY 3210)	Battenfeld, M

AMST298A Selected Topics in American Studies: Popular Music; Grade Method: REG/P-F/AUD. — 3 credits

0101	M.....7:00pm- 9:45pm (ARC 0204)	Keesing, M

AMST330 Critics of American Culture; Grade Method: REG/AUD. USP Advanced Studies Analysis of Human Problems Course. Prerequisite: prior course in AMST, HIST, or SOCY. Juniors and seniors only. — 3 credits

0101	MWF.....11:00am-11:50am (TLF 2101)	Lounsbury, M

AMST386 (PermReq) Field Work; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

AMST387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

AMST398 (PermReq) Independent Studies; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

AMST418A Cultural Themes in America: Culture and Society in American Humor; Grade Method: REG/AUD. — 3 credits

0101	MWF.....12:00pm-12:50pm (TLF 2126)	Mintz, L

AMST418B Cultural Themes in America: Culture and Mental Disorders in Modern America; Grade Method: REG/AUD. USP Advanced Studies Analysis of Human Problems Course. — 3 credits

0101	TuTh.....9:30am-10:45am (TLF 2126)	Caughey, J

AMST418K Cultural Themes in America: Race in America: Theory and Policy; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. — 3 credits

0101	TuTh.....9:30am-10:45am (ARM 0119)	Battenfeld, M

AMST450 (PermReq) Seminar in American Studies; Grade Method: REG. Prerequisite: permission of department. Prerequisite: minimum of 9 prior hours in AMST, including AMST 201. Senior standing. For AMST majors only. — 3 credits

0101	W.....2:00pm- 4:40pm (TLF 2110)	Lounsbury, M

AMST618A (PermReq) Introductory Seminar in American Studies; Grade Method: REG. — 3 credits

0101	W.....4:00pm- 6:40pm (TLF 2108)	Kelly, R

AMST628B (PermReq) Seminar in American Studies: Popular Culture in America; Grade Method: REG/AUD. — 3 credits

0101	M.....7:00pm- 9:40pm (TLF 2110)	Mintz, L

AMST628J Seminar in American Studies: Life History Research; Grade Method: REG/AUD. — 3 credits

0101	Th.....4:00pm- 6:40pm (TLF 2110)	Caughey, J

AMST628N Seminar in American Studies: Culture Theory in American Studies; Grade Method: REG/AUD. — 3 credits

0101	M.....4:00pm- 6:40pm (TLF 2110)	Lounsbury, M

AMST639A Reading Course in Selected Aspects of American Civilization: Decorative Arts in America; Grade Method: REG/AUD. Class meets at Smithsonian. Call American Studies Office (454-4661) for information. — 3 credits

0101	Tu.....1:30pm- 3:30pm (Arranged)	Davis, N

AMST698 (PermReq) Directed Readings in American Studies; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

AMST799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

AMST899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

ANSC Animal Science (Agriculture)

The following courses may involve the use of animals. Students who are concerned about the use of animals in teaching have the responsibility to contact the instructor, prior to course enrollment, to determine whether animals are to be used in the course, whether class exercises involving animals are optional or required and what alternatives, if any, are available.

ANSC101 Principles of Animal Science; Grade Method: REG/P-F/AUD. USP Distributive Studies Area B Course. — 3 credits

0101	MW.....1:00pm- 1:50pm (CHE 2110)		Debarthe, J
	Tu.....12:00pm- 2:00pm (ANS 1144)	LAB	
0102	MW.....1:00pm- 1:50pm (CHE 2110)		Debarthe, J
	Tu.....2:00pm- 4:00pm (ANS 1144)	LAB	
0103	MW.....1:00pm- 1:50pm (CHE 2110)		Debarthe, J
	W.....10:00am-12:00pm (ANS 1144)	LAB	
0104	MW.....1:00pm- 1:50pm (CHE 2110)		Debarthe, J
	Th.....12:00pm- 2:00pm (ANS 1144)	LAB	
0105	MW.....1:00pm- 1:50pm (CHE 2110)		Debarthe, J
	F.....12:00pm- 2:00pm (ANS 1144)	LAB	

ANSC201 Basic Principles of Animal Genetics; Grade Method: REG/P-F/AUD. Credit will be granted for only one of the following: ZOOL 213, ANSC 201, BOTN 414, HORT 274. — 3 credits

0101	MWF.....11:00am-11:50am (CHM 2201)	Kuenzel, W

ANSC211 Anatomy of Domestic Animals; Grade Method: REG/P-F/AUD. Prerequisite: BIOL 105. — 4 credits

0101	MWF.....2:00pm- 2:50pm (CHE 2110)		Bradley, L
	M.....3:00pm- 5:00pm (EPL 0101)	LAB	
0102	MWF.....2:00pm- 2:50pm (CHE 2110)		Bradley, L
	W.....3:00pm- 5:00pm (EPL 0101)	LAB	
0103	MWF.....2:00pm- 2:50pm (CHE 2110)		Bradley, L
	F.....11:00am- 1:00pm (EPL 0101)	LAB	

ANSC221 Fundamentals of Animal Production; Grade Method: REG/P-F/AUD. Prerequisite: ANSC 101. — 3 credits

0101	TuTh.....9:00am- 9:50am (ANS 1109)		Young, E
	Tu.....10:00am-11:50am (ANS 1109)	LAB	
0102	TuTh.....9:00am- 9:50am (ANS 1109)		Young, E
	Th.....10:00am-11:50am (ANS 1109)	LAB	

ANSC252 Introduction to the Diseases of Wildlife; Grade Method: REG/P-F/AUD. Prerequisite: BIOL 105. — 2 credits

0101	M.....4:00pm- 6:00pm (CHE 2110)	Ingling, A

ANSC305 Companion Animal Care; Grade Method: REG/P-F/AUD. Prerequisite: BIOL 105. — 3 credits

0101	MWF.....10:00am-10:50am (CHE 2108)	Penney, B

ANSC370 Animal Agriculture: Scientific and Cultural Perspectives; Grade Method: REG/P-F/AUD. Prerequisite: BIOL 105. — 3 credits

0101	TuTh.....12:30pm- 1:45pm (ANS 1109)	Young, E

ANSC386 (PermReq) Field Work; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

ANSC387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

ANSC399 (PermReq) Special Problems in Animal Science; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-2 credits

ANSC401 Fundamentals of Nutrition; Grade Method: REG/P-F/AUD. Prerequisite: CHEM 104 and ANSC 212. Recommended: BCHM 281. Also offered as NUSC 402. — 3 credits

0101	MWF.....9:00am- 9:50am (CHM 0119)	Thomas, D

ANSC413 Laboratory Animal Management; Grade Method: REG/P-F/AUD. — 3 credits

0101	WF.....1:00pm- 1:50pm (CHE 2116)		Nepote, K
	F.....2:00pm- 5:00pm (ANS 1144)	LAB	

ANSC421 Swine Production; Grade Method: REG/P-F/AUD. Prerequisite: ANSC 101; ANSC 221; and ANSC 203 or ANSC 401. — 3 credits

0101	MW.....2:00pm- 2:50pm (ANS 1109)		Hartsock, T
	M.....3:00pm- 5:00pm (CHE 2118)	LAB	

ANSC446 Physiology of Mammalian Reproduction; Grade Method: REG/P-F/AUD. Prerequisite: ZOOL 422 or ANSC 212. Prerequisites: ZOOL 422 or ANSC 212. — 3 credits

0101	MWF.....10:00am-10:50am (ANS 1109)	Alston-Mills, B

ANSC610 Electron Microscopy; Grade Method: REG/AUD. Prerequisite: permission of both department and instructor. — 4 credits

0101	TuTh.....2:00pm- 2:50pm (ANS 1109)		Mohanty, S
	TuTh.....3:00pm- 5:00pm (ANS 3108)	LAB	

ANSC660 Poultry Literature; Grade Method: REG/AUD. — 1-4 credits

0101	Time and room to be arranged	Doerr, J

ANSC663 Advanced Nutrition Laboratory; Grade Method: REG/AUD. Prerequisite: ANSC/NUSC 401; and either BCHM 462 or NUSC 670. Also offered as NUSC 663. — 3 credits

0101	Time and room to be arranged	Doerr, J

ANSC698A Seminar: Recent Advances in Animal Science; Grade Method: REG/AUD. — 1 credit

0101	W.....4:00pm- 4:50pm (ANS 1109)	Varner, M

ANSC698C Seminar: Recent Advances in Poultry; Grade Method: REG/AUD. — 1 credit

0101	M.....4:00pm- 4:50pm (ANS 3105)	Doerr, J

ANSC698 (PermReq) Special Problems in Animal Science; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-2 credits

ANSC799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ANSC899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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ANTH Anthropology (Behavior & Social Sci)

ANTH101 Introduction to Anthropology: Archaeology and Physical Anthropology; Grade Method: REG. USP Distributive Studies Area B Course. — 3 credits

0101	TuTh.....9:30am-10:45am (ARM 0126)	Seidel, J
0201	MWF.....10:00am-10:50am (JMZ 0220)	Kaljee, L

ANTH101H Introduction to Anthropology: Archaeology and Physical Anthropology; Grade Method: REG. USP Distributive Studies Area B Course. — 3 credits

0101	TuTh.....9:30am-10:45am (ARM 0126) Time and room to be arranged DIS	Seidel, J

ANTH102 Introduction to Anthropology: Cultural Anthropology and Linguistics; Grade Method: REG. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D Course. — 3 credits

0101	TuTh.....11:00am-12:15pm (ASY 1213)	Eidson, J
0201	MWF.....1:00pm- 1:50pm (SHM 2102)	Eidson, J

ANTH102H (PermReq) Introduction to Anthropology: Cultural Anthropology and Linguistics; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D Course. — 3 credits

0101	TuTh.....11:00am-12:15pm (ASY 1213) Time and room to be arranged DIS	Eidson, J

ANTH241 Introduction to Archaeology; Grade Method: REG. USP Distributive Studies Area D Course. — 3 credits

0101	TuTh.....12:30pm- 1:45pm (TLF 0124)	Kryder-Reid, E

ANTH298A Special Topics in Anthropology: Chesapeake - An Archaeology of Maryland; Grade Method: REG. USP Distributive Studies Area A Course. — 3 credits

0101	TuTh.....2:00pm- 3:15pm (ASY 2309)	Theobold, B

ANTH361 Human Evolution and Fossil Man; Grade Method: REG. — 3 credits

0101	TuTh.....12:30pm- 1:45pm (WDS 1114)	Jackson, L

ANTH371 Introduction to Linguistics; Grade Method: REG. USP Advanced Studies Development of Knowledge Course. — 3 credits

0101	TuTh.....9:30am-10:45am (TLF 0124)	Eidson, J
0201	TuTh.....9:30am-10:45am (WDS 1114)	STAFF

ANTH389A (PermReq) Research Problems; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ANTH389C Research Problems: Culture and Personality; Grade Method: REG. USP Advanced Studies Development of Knowledge Course. — 3 credits

0101	MWF.....2:00pm- 2:50pm (LEF 2166)	Stuart, W

ANTH389D (PermReq) Research Problems: Discourse and Culture; Grade Method: REG/P-F/AUD. — 3 credits

0101	M.....3:00pm- 5:30pm (WDS 1131)	Agar, M

ANTH389F Research Problems: Seminar: Issues in Biocultural Anthropology; Grade Method: REG. Prerequisite: ANTH 101 or permission of department. — 3 credits

0101	Tu.....3:30pm- 6:00pm (WDS 1131)	Jackson, L

ANTH389J Research Problems: Issues in Grassroots Development; Grade Method: REG. — 3 credits

0101	TuTh.....2:00pm- 3:15pm (WDS 1127)	Wali, A

ANTH389T Research Problems: Urban Ethnography; Grade Method: REG. Prerequisite: ANTH 101 or permission of department. — 3 credits

0101	Tu.....3:30pm- 6:00pm (WDS 1130)	Whitehead, T

ANTH389U (PermReq) Research Problems: Research Problems: Internship; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ANTH389X (PermReq) Research Problems: Honors Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

ANTH389Y (PermReq) Research Problems: Honor Thesis; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

ANTH397 Anthropological Theory; Grade Method: REG/P-F/AUD. Prerequisite: permission of department. — 3 credits

0101	MWF.....10:00am-10:50am (WDS 1131)	Stuart, W

ANTH401 Cultural Anthropology: Principles and Processes; Grade Method: REG. USP Advanced Studies Development of Knowledge Course. Prerequisites: ANTH 101, ANTH 102, or ANTH 221. — 3 credits

0101	TuTh.....11:00am-12:15pm (CHM 0115)	Chambers, E
0201	TuTh.....11:00am-12:15pm (CHM 0115)	Chambers, E

ANTH426 Ethnology of Middle America; Grade Method: REG/P-F/AUD. Prerequisites: ANTH 101 and ANTH 102. — 3 credits

0101	MWF.....11:00am-11:50am (WDS 1114)	Stuart, W

ANTH451 Archaeology of the New World; Grade Method: REG. USP Advanced Studies Development of Knowledge Course. Prerequisite: ANTH 101 or ANTH 241. — 3 credits

0101	MWF.....1:00pm- 1:50pm (JMZ 0105)	Little, B

ANTH601 (PermReq) Applied Anthropology; Grade Method: REG. — 3 credits

0101	M.....6:00pm- 8:40pm (WDS 1127)	Wali, A

ANTH605 Theory of Cultural Anthropology; Grade Method: REG/AUD. — 3 credits

0101	MWF.....10:00am-10:50am (WDS 1131)	Stuart, W

ANTH606 (PermReq) Methods of Cultural Analysis I; Grade Method: REG. — 3 credits

0101	W.....6:00pm- 8:40pm (WDS 1127)	Agar, M

ANTH611 (PermReq) Management and Cultural Process; Grade Method: REG. — 3 credits

0101	Th.....6:00pm- 8:40pm (WDS 1127)	Little, B

ANTH689A (PermReq) Special Problems in Anthropology; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ANTH689C Special Problems in Anthropology: Culture and Personality; Grade Method: REG. — 3 credits

0101	MWF.....2:00pm- 2:50pm (LEF 2166)	Stuart, W

ANTH689D (PermReq) Special Problems in Anthropology: Culture and Discourse; Grade Method: REG/AUD. — 1-6 credits

0101	M.....3:00pm- 5:30pm (WDS 1131)	Agar, M

ANTH689F Special Problems in Anthropology: Seminar: Issues in Biocultural Anthropology; Grade Method: REG. — 3 credits

0101	Tu.....3:30pm- 6:00pm (WDS 1131)	Jackson, L

ANTH689J Special Problems in Anthropology: Issues in Grassroots Development; Grade Method: REG. — 3 credits

0101	TuTh.....2:00pm- 3:15pm (WDS 1127)	Wali, A

ANTH689T Special Problems in Anthropology: Culture, Health and Planned Change; Grade Method: REG. — 3 credits

0101	Tu.....3:30pm- 6:00pm (WDS 1130)	Whitehead, T

ANTH705 (PermReq) Internship; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: ANTH 701. — 6-12 credits

ANTH712 (PermReq) Internship Analysis; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: ANTH 705. — 3 credits

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APDS Applied Design (Arts and Humanities)

APDS101 Fundamentals of Design; Grade Method: REG. For pre-design, design, fashion merchandising, textile marketing, apparel design and landscape design majors only. The major codes are: pre-design (1302X, 1302Y), design (1302A, 1302B, 1302C, 1302D), fashion merchandising (1303B), textile marketing (1303E), apparel design (1303A), landscape design (0108C). Attendance on the first day of classes is mandatory. — 3 credits

0101	F.....2:00pm- 3:40pm (MTH 1400) M.....1:00pm- 2:50pm (MTH 2411) DIS	Eckersley, M
0102	F.....2:00pm- 3:40pm (MTH 1400) M.....1:00pm- 2:50pm (MTH 2415) DIS	Eckersley, M
0103	F.....2:00pm- 3:40pm (MTH 1400) M.....3:00pm- 4:50pm (MTH 2415) DIS	Eckersley, M
0104	F.....2:00pm- 3:40pm (MTH 1400) M.....3:00pm- 4:50pm (MTH 2411) DIS	Eckersley, M
0105	F.....2:00pm- 3:40pm (MTH 1400) W.....1:00pm- 2:50pm (MTH 2411) DIS	Eckersley, M
0106	F.....2:00pm- 3:40pm (MTH 1400) W.....1:00pm- 2:50pm (MTH 2415) DIS	Eckersley, M
0107	F.....2:00pm- 3:40pm (MTH 1400) W.....3:00pm- 4:50pm (MTH 2415) DIS	Eckersley, M
0108	F.....2:00pm- 3:40pm (MTH 1400) W.....3:00pm- 4:50pm (MTH 2411) DIS	Eckersley, M

APDS102 Design II; Grade Method: REG/P-F/AUD. Prerequisite: APDS 101. For pre-design, advertising design, apparel design and interior design majors only. The major codes are: pre-design (1302X, 1302Y), advertising design (1302A), and interior design (1302B). Attendance on the first day of classes is mandatory. — 3 credits

0101	TuTh.....11:00am- 1:30pm (MTH 2411) LAB	Dean, S
0102	TuTh.....11:00am- 1:30pm (MTH 2415) LAB	Dean, S
0103	TuTh.....2:00pm- 4:30pm (MTH 2411) LAB	Dean, S
0104	TuTh.....2:00pm- 4:30pm (MTH 2415) LAB	Dean, S

APDS103 Design III: Three-Dimensional Design; Grade Method: REG/P-F/AUD. Pre- or corequisite: APDS 102. For pre-design, advertising design, and interior design majors only. The major codes are: pre-design (1302X, 1302Y), advertising design (1302A), and interior design (1302B). Attendance on the first day of classes is mandatory. — 3 credits

0101	M.....8:30am-11:00am (MTH 2411) LAB F.....8:30am-11:00am (MTH 2411) LAB	STAFF
0201	M.....8:30am-11:00am (MTH 2415) LAB F.....8:30am-11:00am (MTH 2415) LAB	STAFF
0301	W.....8:30am-11:00am (MTH 2411) LAB F.....2:00pm- 4:30pm (MTH 2411) LAB	STAFF
0401	W.....8:30am-11:00am (MTH 2415) LAB F.....2:00pm- 4:30pm (MTH 2415) LAB	STAFF

APDS210 Presentation Techniques I; Grade Method: REG/P-F/AUD. Prerequisites: EDIT 160; and APDS 103 or equivalent. For advertising design majors only. Attendance is mandatory. — 3 credits

0101	MW.....5:00pm- 7:30pm (MTH 2411)	STAFF
0201	MWF.....11:00am-12:40pm (MTH 2415)	Thorpe, J

APDS211 Action Drawing: Fashion Sketching; Grade Method: REG. Prerequisites: EDIT 160; and APDS 103. For advertising design majors only. Attendance is mandatory. — 3 credits

0101	MWF.....11:00am-12:40pm (MTH 2411) LAB	Ansell, J
0201	TuTh.....5:00pm- 7:30pm (MTH 2415) LAB	STAFF

APDS237 Photography; Grade Method: REG. Prerequisite: APDS 103. For advertising design majors only. Additional lab time to be arranged. Attendance is mandatory. — 3 credits

0101	Th.....3:00pm- 4:30pm (MTH 0110) Tu.....2:30pm- 5:00pm (MTH 0110) LAB Time and room to be arranged LAB	Jacobs, W

APDS320 Fashion Illustration; Grade Method: REG/P-F/AUD. Prerequisites: APDS 210; and APDS 211. For advertising design majors only. Attendance is mandatory. — 3 credits

0101	Tu.....3:00pm- 4:00pm (MTH 1413) Th.....1:00pm- 4:00pm (MTH 1413) LAB	Lozner, R
0102	Tu.....3:00pm- 4:00pm (MTH 1413) Th.....4:00pm- 7:00pm (MTH 1413) LAB	Lozner, R

APDS330 Typography and Lettering; Grade Method: REG. Prerequisites: APDS 210 and APDS 211. For advertising design majors only. Attendance is mandatory. — 3 credits

0101	F.....9:00am-10:15am (MTH 1413) M.....8:00am-11:00am (MTH 1413) LAB	STAFF

APDS331 Advertising Layout; Grade Method: REG. Prerequisite: APDS 330. For advertising design majors only. Attendance is mandatory. — 3 credits

0101	Tu.....8:00am- 9:00am (MTH 1413) Th.....8:00am-11:00am (MTH 1413) LAB	STAFF

APDS332 Display Design; Grade Method: REG/P-F/AUD. Prerequisite: APDS 330 or equivalent. For advertising design majors only. Attendance is mandatory. — 3 credits

0101	M.....2:00pm- 3:30pm (MTH 1304) W.....4:00pm- 7:00pm (MTH 1413) LAB	Ansell, J
0102	M.....2:00pm- 3:30pm (MTH 1304) M.....4:00pm- 7:00pm (MTH 1413) LAB	Ansell, J

APDS337 Advanced Photography; Grade Method: REG/P-F/AUD. Prerequisite: APDS 237. For advertising design majors only. Additional lab time to be arranged. Attendance is mandatory. — 3 credits

0101	Tu.....11:00am-12:00pm (MTH 0110) Th.....12:00pm- 3:00pm (MTH 0110) LAB	STAFF
0102	Tu.....11:00am-12:00pm (MTH 0110) Th.....8:00am-11:00am (MTH 0110) LAB	STAFF

APDS380 Professional Seminar; Grade Method: REG/P-F/AUD. Prerequisite: permission of department. For advertising design majors only. Attendance is mandatory. — 3 credits

0101	Tu.....12:00pm- 2:30pm (MTH 0401) Th.....11:00am-12:00pm (MTH 0401)	Lozner, R

APDS386 (PermReq) Field Work; Grade Method: REG/P-F/AUD. Must be taken concurrently with APDS 387. Advertising design majors by portfolio review and written consent of instructor. Attendance is mandatory. — 1-3 credits

0101	M.....1:00pm- 1:50pm (MTH 2407A)	Roper, J
0201	Time and room to be arranged	Gips, C
0301	Time and room to be arranged	Lozner, R
0401	Time and room to be arranged	Ansell, J
0501	Time and room to be arranged	Jacobs, W
0601	Time and room to be arranged	Thorpe, J

APDS387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD. Must be taken with APDS 386 - use same section number. Advertising design majors by portfolio review and written consent of instructor. Attendance is mandatory. — 1-3 credits

0101	M.....1:00pm- 1:50pm (MTH 2407A)	Roper, J
0201	Time and room to be arranged	Gips, C
0301	Time and room to be arranged	Lozner, R
0401	Time and room to be arranged	Ansell, J
0501	Time and room to be arranged	Jacobs, W
0601	Time and room to be arranged	Thorpe, J

APDS430 Advanced Problems in Advertising Design; Grade Method: REG/P-F/AUD. Prerequisites: APDS 320; and APDS 331. For advertising design majors only. Attendance is mandatory. — 3 credits

0101	M.....9:00am-10:00am (MTH 1108) F.....8:00am-11:00am (MTH 1108) LAB	Thorpe, J
0102	M.....9:00am-10:00am (MTH 1108) W.....8:00am-11:00am (MTH 1108) LAB	Thorpe, J

APDS431 Advanced Problems in Advertising Design; Grade Method: REG/P-F/AUD. Prerequisite: APDS 430. For advertising design majors only. Attendance is mandatory. — 3 credits

0101	M.....12:00pm- 1:00pm (MTH 1413) W.....12:00pm- 4:00pm (MTH 1413) LAB	STAFF

APDS499A Individual Problems in Applied Design; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3-4 credits

APDS499D Individual Problems in Applied Design: Core; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3-4 credits

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ARCH Architecture (Architecture)

ARCH170 Introduction to the Built Environment; Grade Method: REG/P-F/AUD. USP Distributive Studies Area C Course. — 3 credits

0101	MWF.....11:00am-11:50am (ARC 0204)	Drost, U

ARCH220 History of Architecture I; Grade Method: REG/P-F/AUD. — 3 credits

0101	TuTh.....3:30pm- 4:45pm (ARC 0204)	Vann, R

ARCH242 Drawing I; Grade Method: REG/P-F/AUD. Architecture and pre-architecture majors only. Section 0104 is recommended for Path B students. — 2 credits

0101	W.....10:00am-10:50am (ARC 0204) M.....9:00am-10:50am (ARC 1123) LAB	Lewis, R
0102	W.....10:00am-10:50am (ARC 0204) M.....12:00pm- 1:50pm (ARC 1121) LAB	Lewis, R
0103	W.....10:00am-10:50am (ARC 0204) F.....9:00am-10:50am (ARC 1123) LAB	Lewis, R
0104	W.....10:00am-10:50am (ARC 0204) F.....12:00pm- 1:50pm (ARC 1103) LAB	Lewis, R
0105	W.....10:00am-10:50am (ARC 0204) Th.....7:00pm- 9:00pm (ARC 1101) LAB	Lewis, R

ARCH312 (PermReq) Architectural Structures I; Grade Method: REG/P-F/AUD. Prerequisites: MATH 220; and PHYS 122. Recommended: ARCH 401. For ARCH majors only. — 3 credits

0101	TuTh.....11:00am-12:15pm (ARC 1101)	Loss, J

ARCH313 (PermReq) Environmental Control and Systems I; Grade Method: REG/P-F/AUD. Prerequisite: MATH 220, PHYS 122, ARCH 401. For majors only. — 3 credits

0101	TuTh.....2:00pm- 3:15pm (ARC 1101)	Thiratrakoolcha

ARCH343 (PermReq) Drawing II: Line Drawing; Grade Method: REG/P-F/AUD. Prerequisite: ARCH 400 or permission of department. — 2 credits

0101	F.....11:00am- 1:00pm (ARC 1105) M.....11:00am- 1:00pm (ARC 1105) LAB	Weiss, M

ARCH375 (PermReq) Architectural Construction and Materials; Grade Method: REG/P-F/AUD. Prerequisite: MATH 220, PHYS 122. For majors only. — 3 credits

0101	MWF.....12:00pm-12:50pm (ARC 0204)	Gardner, A

ARCH386 (PermReq) Field Work; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Contact David Fogle for information. — 1-3 credits

ARCH387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Contact David Fogle for information. — 1-3 credits

ARCH400 (PermReq) Architecture Studio I; Grade Method: REG/P-F/AUD. Prerequisite: ARCH majors only. — 6 credits

0101	MWF.....2:00pm- 6:00pm (ARC 0204) MWF.....2:00pm- 6:00pm (ARC 1121) LAB	Kelly, B

ARCH402 (PermReq) Architecture Studio III; Grade Method: REG/P-F/AUD. Prerequisite: ARCH 401 with a grade of C or better. For ARCH majors only. — 6 credits

0101	MWF.....2:00pm- 6:00pm (ARC 1103) MWF.....2:00pm- 6:00pm (ARC 1123) LAB	Weiss, M

ARCH408 (PermReq) Selected Topics in Architecture Studio: Architecture Studio Elective; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. ARCH majors only. Prerequisite: ARCH 403 or equivalent. Contact S. Sachs for information. — 3-6 credits

ARCH418E (PermReq) Selected Topics in Architectural Science: Experimental Architecture.; Grade Method: REG/P-F/AUD. — 3 credits

0101	TuTh.....3:30pm- 7:00pm (ARC 1125)	Loss, J

ARCH419 (PermReq) Independent Studies in Architectural Science; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Contact J. Loss for course information. — 1-4 credits

ARCH422 (PermReq) History of Greek Architecture; Grade Method: REG/P-F/AUD. Prerequisite: ARCH 220 or permission of department. — 3 credits

0101	TuTh.....12:30pm- 1:45pm (ARC 1103)	Vann, R

ARCH427 (PermReq) Theories of Architecture; Grade Method: REG/P-F/AUD. Prerequisite: ARCH 221 or permission of department. For ARCH majors only. Section 0101 is for entering grad students with non-architecture degrees. Section 0201 is for those with advanced standing. — 3 credits

0101	TuTh.....9:30am-10:45am (ARC 1125)	Schumacher, T
0201	M.....7:00pm-10:00pm (ARC 1121)	Bennett Jr., R

ARCH428B (PermReq) Selected Topics in Architectural History: History of Landscape Design; Grade Method: REG/P-F/AUD. — 3 credits

0101	MWF.....11:00am-11:50am (ARC 1123)	Masters, E

ARCH428E (PermReq) Selected Topics in Architectural History: History of English Architecture; Grade Method: REG/P-F/AUD. — 3 credits

0101	Th.....7:00pm-10:00pm (ARC 1125)	Penkiunas, D

ARCH428H (PermReq) Selected Topics in Architectural History: Fundamentals of Architecture; Grade Method: REG. — 3 credits

0101	TuTh.....9:30am-10:45am (ARC 1127)	Etlin, R

ARCH429 (PermReq) Independent Studies in Architectural History; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Contact L. Vann for course information. Majors only. — 1-4 credits

ARCH434 (PermReq) History of Modern Architecture; Grade Method: REG/P-F/AUD. Prerequisite: ARCH 221 or permission of department. — 3 credits

0101	TuTh.....12:30pm- 1:45pm (ARC 1105)	Schumacher, T

ARCH445 (PermReq) Visual Analysis of Architecture; Grade Method: REG/P-F/AUD. Prerequisite: ARCH 401 and ARCH 343, or permission of department. For majors only. — 3 credits

0101	MWF.....10:00am-10:50am (ARC 1101)	Kelly, B

ARCH449 (PermReq) Independent Studies in Visual Studies; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Contact Stephen Sachs for information. Majors only. — 1-4 credits

ARCH453 (PermReq) Urban Problems Seminar; Grade Method: REG/P-F/AUD. Prerequisite: permission of department. Majors only. — 3 credits

0101	TuTh.....3:30pm- 4:45pm (ARC 1127)	Fogle, D

ARCH454 (PermReq) Theories of Urban Form; Grade Method: REG/P-F/AUD. — 3 credits

0101	MWF.....11:00am-11:50am (ARC 1103)	Bell, M

ARCH459 (PermReq) Independent Studies in Urban Planning; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Contact D. Fogle for course information. — 1-4 credits

ARCH460 (PermReq) Site Analysis and Design; Grade Method: REG/P-F/AUD. Prerequisite: ARCH majors only or permission of department. — 3 credits

0101	M.....7:00pm-10:00pm (ASY 3217)	Stup, R

ARCH470 (PermReq) Computer Applications in Architecture; Grade Method: REG/P-F/AUD. Prerequisite: ARCH 400 or permission of department. ARCH majors only. — 3 credits

0101	W.....11:00am-11:50am (ARC 1127) F.....11:00am-12:50pm (ARC 1127) LAB	Sachs, S

ARCH479 (PermReq) Independent Studies in Architecture; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Contact S. Sachs for information. — 1-4 credits

ARCH489 (PermReq) Independent Studies in Architectural Preservation; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Contact D. Fogle for course information. — 1-4 credits

ARCH600 (PermReq) Architecture Studio V; Grade Method: REG/AUD. Prerequisite: ARCH 403 or equivalent. ARCH majors only. — 6 credits

0101	MWF.....2:00pm- 6:00pm (ARC 1105) MWF.....2:00pm- 6:00pm (ARC 1125) LAB	Bechhoefer, W

ARCH601 (PermReq) Architecture Studio VI; Grade Method: REG/AUD. Prerequisite: ARCH 600. ARCH majors only. — 6 credits

0101	MWF.....2:00pm- 6:00pm (ARC 1101) MWF.....2:00pm- 2:50pm (ARC 0101) LAB	Drost, U

ARCH616 (PermReq) Advanced Architectural Structures; Grade Method: REG/AUD. Prerequisite: ARCH 375, ARCH 403, ARCH 412, ARCH 415 or equivalent. For ARCH majors only. — 3 credits

0101	TuTh.....2:00pm- 3:15pm (ARC 1103)	Loss, J

ARCH628B (PermReq) Selected Topics in Architectural History: Italian Architecture; Grade Method: REG/AUD. — 3 credits

0101	Th.....3:30pm- 6:00pm (ASY 4306)	Lewis, D

ARCH674 (PermReq) Seminar in Regionalism; Grade Method: REG/AUD. Prerequisite: permission of department. ARCH majors only. — 3 credits

0101	M.....9:00am-11:00am (ARC 1125) W.....10:00am-10:50am (ARC 1125)	Bechhoefer, W

ARCH675 (PermReq) Advanced Architectural Construction and Materials; Grade Method: REG/AUD. Prerequisite: ARCH 375, ARCH 403, ARCH 412, ARCH 415. For ARCH majors only. — 3 credits

0101	M.....12:00pm-12:50pm (ARC 1103) Th.....7:00pm- 8:30pm (ARC 1103) LAB	Wiedemann, G

ARCH676 (PermReq) Field Research in Architecture; Grade Method: REG/AUD. Prerequisite: permission of department. ARCH majors only. — 3 credits

0101	Time and room to be arranged	Bechhoefer, W

ARCH678 (PermReq) Selected Topics in Architecture; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Contact S. Sachs for course information. ARCH majors only. — 1-6 credits

ARCH678T (PermReq) Selected Topics in Architecture: Energy Conservation in Buildings; Grade Method: REG/AUD. ARCH majors only. — 3-6 credits

0101	TuTh.....11:00am-12:15pm (ARC 1123)	Thiratrakoolcha

ARCH679 (PermReq) Independent Studies in Architecture; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Contact S. Sachs for information. ARCH majors only. — 1-6 credits

ARCH700 (PermReq) Architecture Studio VII; Grade Method: REG/AUD. Prerequisite: ARCH 601. ARCH majors only. — 6 credits

0101	MWF.....2:00pm- 6:00pm (ARC 1127) MWF.....2:00pm- 6:00pm (ARC 0102) LAB	Schlesinger, B

ARCH770 (PermReq) Professional Practice; Grade Method: REG/AUD. Prerequisite: ARCH 801. ARCH majors only. — 3 credits

0101	M.....12:00pm- 1:50pm (ARC 1125) F.....1:00pm- 1:50pm (ARC 1125)	Schlesinger, B

ARCH797 Thesis Proseminar; Grade Method: REG/AUD. 3 credits
(PermReq) Prerequisite: ARCH 601. ARCH majors only.
0101 MWF.....1:00pm- 1:50pm (ARC 1101) Dupuy, K

ARCH799 Master's Thesis Research; Grade Method: 1-6 credits
(PermReq) REG.
0101 MWF.....2:00pm- 6:00pm (ARC 0101) LAB Dupuy, K
MWF.....2:00pm- 6:00pm (ARC 0101) DIS

AREC Agriculture and Resource Economics (Agriculture)

AREC250 Elements of Agricultural and Resource Economics; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. 3 credits
0101 MWF.....11:00am-11:50am (SYM 0200) Leesley, B

AREC365 World Hunger, Population, and Food Supplies; Grade Method: REG/P-F/AUD. CORE Distributive Studies Cultural Diversity Course. USP Advanced Studies Analysis of Human Problems Course. 3 credits
0101 TuTh.....2:00pm- 3:15pm (HJP 0226) Foster, P

AREC386 Field Work; Grade Method: REG/P-F/AUD. 1-3 credits
(PermReq)
0101 Time and room to be arranged STAFF

AREC387 Field Work Analysis; Grade Method: 1-3 credits
(PermReq) REG/P-F/AUD.
0101 Time and room to be arranged STAFF

AREC399 Special Problems; Grade Method: 1-2 credits
(PermReq) REG/P-F/AUD.
0101 Time and room to be arranged STAFF

AREC407 Agricultural Finance; Grade Method: 3 credits
REG/P-F/AUD. Prerequisite: AREC 250.
0101 MWF.....11:00am-11:50am (ARM 0117) Leathers, H

AREC414 Agricultural Business Management; Grade Method: REG/P-F/AUD. Prerequisite: AREC 250. 3 credits
0101 TuTh.....3:30pm- 4:45pm (SYM 2109) Cain, J
0201 TuTh.....12:30pm- 1:45pm (HZF 1101) Cain, J
0301 TuTh.....12:30pm- 1:45pm (SYM 0200) Commer Jr., M

AREC427 Economics of Agricultural Marketing Systems; Grade Method: REG/P-F/AUD. Prerequisite: AREC 250. 3 credits.
0101 MWF.....8:00am- 8:50am (SYM 0200) Russell, J

AREC432 Introduction to Natural Resources Policy; Grade Method: REG/R-F/AUD. 3 credits.
0101 W.....3:15pm- 9:45pm (SYM 0200) STAFF

AREC433 Food and Agricultural Policy; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. Prerequisite: AREC 250. 3 credits
0101 MWF.....9:00am- 9:50am (SYM 2109) Brown, E

AREC445 Agricultural Development in the Third World; Grade Method: REG/P-F/AUD. CORE Distributive Studies Cultural Diversity Course. USP Advanced Studies Analysis of Human Problems Course. Prerequisite: ECON 203 or ECON 205 or AREC 250. 3 credits
0101 TuTh.....9:30am-10:45am (SYM 2109) Foster, P

AREC453 Natural Resources and Public Policy; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. Prerequisite: AREC 250 and ECON 203. 3 credits
0101 TuTh.....9:30am-10:45am (SYM 0200) Strand Jr., I

AREC484 Introduction to Econometrics in Agriculture; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....3:30pm- 4:45pm (HZF 1108) Quiggin, J

AREC620 Optimization in Agricultural and Resource Economics; Grade Method: REG/AUD. Prerequisite: differential calculus and one course in matrix or linear algebra. 3 credits
0101 MW.....8:30am- 9:45am (SYM 1308) Hueth, D

AREC623 Applied Econometrics I; Grade Method: REG/AUD. This course is co-taught by Dr. Bookstael and Dr. Just. 3 credits
0101 MWF.....10:00am-11:30am (SYM 2109) Just, R

AREC699 Special Problems in Agricultural and Resource Economics; Grade Method: REG/AUD. 1-2 credits
(PermReq)
Individual Instruction course: contact department or instructor to obtain section number.

AREC799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

AREC806 Advanced Agricultural Production Analysis; Grade Method: REG/AUD. Prerequisite: ECON 603 and AREC 610. 3 credits
0101 MW.....3:30pm- 4:45pm (SYM 2109) Lopez, R

AREC845 Advanced International Agricultural Development; Grade Method: REG/AUD. Credit will be granted for only one of the following: AREC 845 or AREC 846. 3 credits
0101 TuTh.....8:00am- 9:15am (SYM 2109) Lopez, R

AREC869 Advanced Topics in Agricultural Economics; Grade Method: REG/AUD. 1 credit
0101 F.....2:00pm- 2:50pm (SYM 2109) Just, R

AREC899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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ARHU Arts and Humanities (Arts and Humanities)

ARHU388 Field Work; Grade Method: REG/P-F/AUD. Open to literacy interns only. 1-3 credits
0101 Time and room to be arranged Dinkins, L

ARHU387 Field Work Analysis; Grade Method: REG/P-F/AUD. Open to literacy interns only. 1-3 credits
0101 Time and room to be arranged Dinkins, L

ARSC Air Science

ARSC100 The Air Force Today I; Grade Method: REG. An elective but required for freshmen desiring the four-year AFROTC program. The course consists of one lecture period and one corps training period (lab) each week. All cadets must attend corps assembly on 4 and 6 Sep from 0800-0850, Room 0135 Armory. The rest of the semester, cadets will meet at 0800 on Tuesdays for lab. Only cadets with class conflicts at 0800 may attend the 0700 lab with approval of instructor. 1 credit
0101 Tu.....11:00am-11:50am (COL 3111) Lausman, S
Tu.....8:00am- 8:50am (ARM 1122) LAB
0102 Tu.....10:00am-10:50am (COL 3111) Lausman, S
Tu.....8:00am- 8:50am (ARM 1122) LAB
0103 Th.....10:00am-10:50am (COL 3111) Lausman, S
Tu.....8:00am- 8:50am (ARM 1122) LAB
0111 Tu.....11:00am-11:50am (COL 3111) Lausman, S
Tu.....7:00am- 7:50am (ARM 1122) LAB
0112 Tu.....10:00am-10:50am (COL 3111) Lausman, S
Tu.....7:00am- 7:50am (ARM 1122) LAB
0113 Th.....10:00am-10:50am (COL 3111) Lausman, S
Tu.....7:00am- 7:50am (ARM 1122) LAB

ARSC110 Fundamentals of Flying; Grade Method: REG. This course is an elective but designed for AFROTC juniors slated for Air Force undergraduate pilot training. This course is a lower level elective open to any freshman or sophomore. 1 credit
0101 W.....10:00am-10:50am (COL 3110) Davis, G

ARSC200 The Development of Air Power I; Grade Method: REG. An elective, but required for sophomores desiring the four-year AFROTC Program. The course consists of one lecture period and one corps training period (lab) each week. All cadets must attend corps assembly on 4 and 6 Sep from 0800-0850, Room 0135 Armory. The rest of the semester, cadets will meet at 0800 on Tuesdays for lab. Only cadets with class conflicts at 0800 may attend the 0700 lab with approval of instructor. 1 credit
0101 Tu.....10:00am-10:50am (COL 3112) Davis, G
Tu.....8:00am- 8:50am (ARM 1122) LAB
0102 Tu.....11:00am-11:50am (COL 3112) Davis, G
Tu.....8:00am- 8:50am (ARM 1122) LAB
0111 Tu.....10:00am-10:50am (COL 3112) Davis, G
Tu.....7:00am- 7:50am (ARM 1122) LAB
0112 Tu.....11:00am-11:50am (COL 3112) Davis, G
Tu.....7:00am- 7:50am (ARM 1122) LAB

ARSC205 The U.S. Air Force and Air Power; Grade Method: REG. Open only to applicants selected by AFROTC to compete for entrance into the two-year AFROTC program as a contract cadet. 4 credits
0101 Time and room to be arranged Davis, G

ARSC310 Management and Leadership I; Grade Method: REG. USP Distributive Studies Area D Course. Consists of 3 lecture hours and one corps training (lab) period each week. Required for all juniors in AFROTC. All cadets must attend corps assembly on Sept 4 and 6 from 0800 - 0850, Room 0135 Armory. The rest of the semester, cadets will meet at 0800 on Tuesdays for lab. Only cadets with class conflicts at 0800 may attend the 0700 lab with approval of instructor. 3 credits
0101 TuTh.....2:00pm- 3:15pm (COL 3110) Miller, R
Tu.....8:00am- 8:50am (COL 3109) LAB
0104 Tu.....9:00am-11:30am (COL 3110) Miller, R
Tu.....8:00am- 8:50am (COL 3109) LAB
0111 TuTh.....2:00pm- 3:15pm (COL 3110) Miller, R
Tu.....7:00am- 7:50am (COL 3109) LAB
0114 Tu.....9:00am-11:30am (COL 3110) Miller, R
Tu.....7:00am- 7:50am (COL 3109) LAB

ARSC320 National Security Forces in Contemporary American Society I; Grade Method: REG. USP Distributive Studies Area D Course. Consists of 3 lecture hours and one corps training (lab) period each week. Required course for all seniors in AFROTC and open to all university students (without lab) as an elective. All cadets must attend corps assembly on Sept 4 and 6 from 0800-0850, Room 0135 Armory. The rest of the semester, cadets will meet at 0800 on Tuesdays for lab. Only cadets with class conflicts at 0800 may attend the 0700 lab with approval of instructor. 3 credits
0101 TuTh.....2:00pm- 3:15pm (COL 3121) Meyer, K
Tu.....8:00am- 8:50am (COL 3109) LAB
0104 Tu.....8:00am-11:30am (COL 3121) Meyer, K
Tu.....8:00am- 8:50am (COL 3109) LAB
0111 TuTh.....2:00pm- 3:15pm (COL 3121) Meyer, K
Tu.....7:00am- 7:50am (COL 3109) LAB
0114 Tu.....9:00am-11:30am (COL 3121) Meyer, K
Tu.....7:00am- 7:50am (COL 3109) LAB

ARTH Art History (Arts and Humanities)

ARTH100 Introduction to Art; Grade Method: REG/P-F/AUD. CORE Distributive Studies Arts Course. USP Distributive Studies Area C Course. 3 credits
0101 TuTh.....12:30pm- 1:45pm (ASY 2309) Burnham, J
0201 MWF.....11:00am-11:50am (ASY 2203) Colantuono, A

ARTH200 Art of the Western World I; Grade Method: REG/P-F/AUD. CORE Distributive Studies Arts Course. USP Distributive Studies Area C Course. Formerly ARTH 260. 3 credits
0101 TuTh.....9:30am-10:20am (ASY 1213) Spiro, M
Tu.....1:00pm- 1:50pm (ASY 1213) DIS
0102 TuTh.....9:30am-10:20am (ASY 1213) Spiro, M
Th.....1:00pm- 1:50pm (ASY 1213) DIS
0103 TuTh.....9:30am-10:20am (ASY 1213) Spiro, M
Tu.....11:00am-11:50am (ASY 3217) DIS
0104 TuTh.....9:30am-10:20am (ASY 1213) Spiro, M
Tu.....12:00pm-12:50pm (ASY 3217) DIS
0201 MW.....9:00am- 9:50am (ASY 2309) Venit, M
F.....9:00am- 9:50am (ASY 2309) DIS
0202 MW.....9:00am- 9:50am (ASY 2309) Venit, M
M.....12:00pm-12:50pm (ASY 3211) DIS
0203 MW.....9:00am- 9:50am (ASY 2309) Venit, M
M.....11:00am-11:50am (ASY 3215) DIS
0204 MW.....9:00am- 9:50am (ASY 2309) Venit, M
F.....12:00pm-12:50pm (ASY 3211) DIS

ARTH201 Art of the Western World II; Grade Method: REG/P-F/AUD. CORE Distributive Studies Arts Course. USP Distributive Studies Area C Course. Formerly ARTH 261. 3 credits
0101 TuTh.....9:30am-10:20am (ASY 2309) Ottesen, B
Tu.....1:00pm- 1:50pm (ASY 3207) DIS
0102 TuTh.....9:30am-10:20am (ASY 2309) Ottesen, B
Th.....1:00pm- 1:50pm (ASY 3207) DIS
0103 TuTh.....9:30am-10:20am (ASY 2309) Ottesen, B
Th.....1:00pm- 1:50pm (ASY 3217) DIS
0104 TuTh.....9:30am-10:20am (ASY 2309) Ottesen, B
Tu.....11:00am-11:50am (ASY 3211) DIS
0201 TuTh.....12:30pm- 1:20pm (ASY 2203) Denny, D
Th.....11:00am-11:50am (ASY 3211) DIS
0202 TuTh.....12:30pm- 1:20pm (ASY 2203) Denny, D
Tu.....9:00am- 9:50am (ARC 1101) DIS
0203 TuTh.....12:30pm- 1:20pm (ASY 2203) Denny, D
Th.....9:00am- 9:50am (ARC 1101) DIS
0204 TuTh.....12:30pm- 1:20pm (ASY 2203) Denny, D
Tu.....10:00am-10:50am (ARC 1101) DIS
0205 TuTh.....12:30pm- 1:20pm (ASY 2203) Denny, D
Th.....10:00am-10:50am (ARC 1101) DIS
0206 TuTh.....12:30pm- 1:20pm (ASY 2203) Denny, D
W.....12:00pm-12:50pm (ASY 3221) DIS
0207 TuTh.....12:30pm- 1:20pm (ASY 2203) Denny, D
W.....1:00pm- 1:50pm (ASY 3221) DIS
0208 TuTh.....12:30pm- 1:20pm (ASY 2203) Denny, D
F.....12:00pm-12:50pm (ASY 3217) DIS
0301 MW.....2:00pm- 2:50pm (ASY 1213) STAFF
F.....2:00pm- 2:50pm (ASY 1213) DIS
0302 MW.....2:00pm- 2:50pm (ASY 1213) STAFF
W.....11:00am-11:50am (ASY 3221) DIS
0303 MW.....2:00pm- 2:50pm (ASY 1213) STAFF
W.....12:00pm-12:50pm (ASY 3211) DIS
0304 MW.....2:00pm- 2:50pm (ASY 1213) STAFF
F.....12:00pm-12:50pm (ASY 3221) DIS
0401 MW.....1:00pm- 1:50pm (ASY 1213) STAFF
F.....1:00pm- 1:50pm (ASY 1213) DIS
0402 MW.....1:00pm- 1:50pm (ASY 1213) STAFF
W.....12:00pm-12:50pm (ASY 3217) DIS
0403 MW.....1:00pm- 1:50pm (ASY 1213) STAFF
W.....9:00am- 9:50am (ASY 3221) DIS
0404 MW.....1:00pm- 1:50pm (ASY 1213) STAFF
W.....10:00am-10:50am (ASY 3221) DIS

ARTH275 Art of Africa; Grade Method: REG/P-F/AUD. CORE Distributive Studies Arts Course. CORE Distributive Studies Cultural Diversity Course. USP Distributive Studies Area C Course. Formerly ARTH 284. 3 credits
0101 TuTh.....9:30am-10:45am (ASY 3217) Walker, R

ARTH290 Art of Asia; Grade Method: REG/P-F/AUD. CORE Distributive Studies Arts Course. USP Distributive Studies Area C Course. Formerly ARTH 262. 3 credits
0101 MW.....12:00pm-12:50pm (ASY 1213) Kuo, J
F.....12:00pm-12:50pm (ASY 1213) DIS
0102 MW.....12:00pm-12:50pm (ASY 1213) Kuo, J
W.....11:00am-11:50am (ASY 3215) DIS
0103 MW.....12:00pm-12:50pm (ASY 1213) Kuo, J
F.....1:00pm- 1:50pm (ASY 3215) DIS
0104 MW.....12:00pm-12:50pm (ASY 1213) Kuo, J
W.....9:00am- 9:50am (ASY 3219) DIS

ARTH355 Twentieth-Century Art; Grade Method: REG/P-F/AUD. 3 credits
0101 MWF.....12:00pm-12:50pm (ASY 2309) Withers, J

ARTH386 Field Work; Grade Method: REG/P-F/AUD. 1-3 credits
(PermReq) Individual Instruction course: contact department or instructor to obtain section number.

ARTH387 Field Work Analysis; Grade Method: 1-3 credits
(PermReq) REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

ARTH390 Art of China; Grade Method: REG/P-F/AUD. Formerly ARTH 408. 3 credits
0101 MWF.....9:00am- 9:50am (ASY 3215) Kuo, J

ARTH403 Roman Art and Archaeology; Grade Method: REG/P-F/AUD. 3 credits
0101 MWF.....11:00am-11:50am (ASY 3211) Venit, M

ARTH410 Early Medieval Art; Grade Method: REG/P-F/AUD. Formerly ARTH 412. 3 credits
0101 TuTh.....9:30am-10:45am (ASY 3215) Denny, D

ARTH420 Fourteenth and Fifteenth-Century Northern European Art; Grade Method: REG/P-F/AUD. Formerly ARTH 416. 3 credits
0101 MWF.....10:00am-10:50am (ASY 3211) Caswell, J

ARTH430 Seventeenth-Century European Art; Grade Method: REG/P-F/AUD. 3 credits
0101 MWF.....1:00pm- 1:50pm (ASY 3211) Colantuono, A

ARTH445 Nineteenth-Century European Art to 1850; Grade Method: REG/P-F/AUD. Formerly ARTH 440. 3 credits
0101 TuTh.....11:00am-12:15pm (ASY 3215) Hargrove, J

ARTH453 History of American Art to 1876; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....3:30pm- 4:45pm (ASY 3211) Storr, R

ARTH483 Structure and Analysis of Art; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....9:30am-10:45am (ASY 3211) Burnham, J

ARTH489A Special Topics in Art History: Feminism and Visual Cultures; Grade Method: REG/P-F/AUD. Team taught by ARTH Prof. Withers and WMST Prof. Beck. 3 credits
0101 M.....4:00pm- 6:30pm (ASY 3211) Beck, E

ARTH489B Special Topics in Art History: History of (PermReq) Greek Architecture; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....12:30pm- 1:45pm (ARC 1103) Vann, R

ARTH489C Special Topics in Art History: History of (PermReq) Modern Architecture; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....12:30pm- 1:45pm (ARC 1105) Schumacher, T

ARTH495 Japanese Painting; Grade Method: REG/P-F/AUD. Formerly ARTH 405. 3 credits
0101 TuTh.....2:00pm- 3:15pm (ASY 3215) Sandler, M

ARTH498 Directed Studies in Art History I; Grade (PermReq) Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 2-3 credits

ARTH499 Directed Studies in Art History II; Grade (PermReq) Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 2-3 credits

ARTH609 Studies in Late Roman, Early Christian, and Byzantine Art: Iconography; Grade Method: REG/AUD. 3 credits
0101 TuTh.....2:00pm- 3:15pm (ASY 4304) Spiro, M

ARTH649 Studies in Nineteenth-Century European Art; Grade Methods REG/AUD. 3 credits
0101 Tu.....3:30pm- 6:00pm (ASY 4306) Hargrove, J

ARTH679 Studies in Japanese Art; Grade Method: REG/AUD. 3 credits
0101 Tu.....7:00pm- 9:40pm (ASY 4304) Sandler, M

ARTH689B Selected Topics in Art History: Conservation; Grade Method: REG/AUD. 3 credits
0101 W.....2:00pm- 5:00pm (ASY 4306) Wheelock Jr., A

ARTH692 Methods of Art History; Grade Method: REG/AUD. 3 credits
0101 W.....7:00pm- 9:40pm (ASY 4306) Farquhar, J

ARTH718A Seminar in Italian Renaissance Art: Giorgione and Venetian Painting, ca 1490-1515; Grade Method: REG/AUD. 3 credits
0101 M.....7:00pm- 9:40pm (ASY 4306) Lettieri, D

ARTH739 Seminar in Seventeenth-Century Northern European Art; Grade Method: REG/AUD. 3 credits
0101 M.....3:30pm- 6:00pm (ASY 4304) Wheelock Jr., A

ARTH758 Seminar in American Art: Meaning in Content in 19th Century American Painting; Grade Method: REG/AUD. 3 credits
0101 Th.....7:00pm- 9:40pm (ASY 4306) Kelley, F

ARTH789 Selected Topics in Art History; Grade (PermReq) Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 3 credits

ARTH789A Selected Topics in Art History: Italian Architecture; Grade Method: REG/AUD. 3 credits
0101 Th.....3:30pm- 6:00pm (ASY 4306) Lewis, D

ARTH799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ARTH899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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ARTT Art Studio (Arts and Humanities)

ARTT100 Elements of Design; Grade Method: REG/P-F/AUD. Formerly ARTS 100. 3 credits
0101 MW.....9:00am-11:00am (ASY 2314) Lapinski, T
0201 MW.....9:00am-11:00am (ASY 2318) Lapinski, T
0301 MW.....12:30pm- 2:30pm (ASY 2314) Klank, R
0401 MW.....12:30pm- 2:30pm (ASY 2318) Klank, R
0501 TuTh.....9:00am-11:00am (ASY 2314) STAFF
0601 TuTh.....9:00am-11:00am (ASY 2318) STAFF
0701 TuTh.....3:00pm- 5:00pm (ASY 2314) Demonte, C
0801 TuTh.....3:00pm- 5:00pm (ASY 2318) Demonte, C

ARTT110 Elements of Drawing; Grade Method: REG/P-F/AUD. Formerly ARTS 110. 3 credits
0101 MW.....12:30pm- 3:00pm (ASY 2317) LAB Niese, H
0201 MW.....12:30pm- 3:00pm (ASY 2321) LAB Niese, H
0301 MW.....3:00pm- 5:30pm (ASY 2317) LAB STAFF
0401 MW.....3:00pm- 5:30pm (ASY 2321) LAB STAFF
0501 TuTh.....9:00am-11:30am (ASY 2317) LAB Morrison, K
0601 TuTh.....9:00am-11:30am (ASY 2321) LAB Morrison, K
0701 TuTh.....12:30pm- 3:00pm (ASY 2317) LAB Kehoe, P
0801 TuTh.....12:30pm- 3:00pm (ASY 2321) LAB Kehoe, P

ARTT208A Design: Design with a Camera; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....12:30pm- 3:00pm (ASY 3304) LAB STAFF
0201 TuTh.....3:00pm- 5:30pm (ASY 3304) LAB STAFF

ARTT208C Design: Figure Modeling; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....9:00am-11:30am (ASY 1311) LAB STAFF

ARTT208D Design: Three-Dimensional Design; Grade Method: REG/P-F/AUD. 3 credits
0101 MW.....9:00am-11:30am (ASY 1314) LAB STAFF

ARTT208F Design: Papermaking; Grade Method: REG/P-F. 3 credits
0101 MW.....12:30pm- 3:00pm (ASY 3304) Pogue, S

ARTT210 Intermediate Drawing; Grade Method: REG/P-F/AUD. Prerequisites: ARTT 100; and ARTT 110. Formerly ARTS 210. Taught by Anne Truitt, Distinguished Scholar Teacher. 3 credits
0101 MW.....12:30pm- 3:00pm (ASY 2322) LAB Truitt, A
0201 MW.....12:30pm- 3:00pm (ASY 2315) LAB STAFF
0301 TuTh.....9:00am-11:30am (ASY 2315) LAB Craig, P
0401 TuTh.....12:30pm- 3:00pm (ASY 2322) LAB Humphrey, M

ARTT320 Elements of Painting; Grade Method: REG/P-F/AUD. Prerequisite: ARTT 210. Formerly ARTS 320. 3 credits
0101 MW.....9:00am-11:30am (ASY 3312) LAB Klank, R
0201 MW.....12:30pm- 3:00pm (ASY 3318) LAB Richardson, W
0301 MW.....3:00pm- 5:30pm (ASY 3312) LAB STAFF
0401 MW.....3:00pm- 5:30pm (ASY 3316) LAB STAFF
0501 TuTh.....3:00pm- 5:30pm (ASY 3316) LAB Kehoe, P

ARTT334 Elements of Sculpture: Construction; Grade Method: REG/P-F/AUD. Prerequisite: ARTT 210. Formerly ARTS 334. Section 0101 material emphasis: wood. Section 0201 material emphasis: metal.se 3 credits
0101 TuTh.....12:30pm- 3:00pm (ASY 1311) LAB Blotner, P
0201 MW.....3:00pm- 5:30pm (ASY 1314) LAB Ruppert, J

ARTT335 Elements of Sculpture: Carving; Grade Method: REG/P-F/AUD. Prerequisite: ARTT 210. Formerly ARTS 335. 3 credits
0101 MW.....12:30pm- 3:00pm (ASY 1314) LAB STAFF

ARTT340 Elements of Printmaking: Intaglio; Grade Method: REG/P-F/AUD. Prerequisite: ARTT 210. Formerly ARTS 340. 3 credits.
0101 MW.....9:00am-11:30am (ASY 1317) LAB Pogue, S
0201 TuTh.....12:30pm- 3:00pm (ASY 1317) LAB STAFF

ARTT344 Elements of Printmaking: Lithography; Grade Method: REG/P-F/AUD. Prerequisite: ARTT 210. Formerly ARTS 344. 3 credits
0101 MW.....12:30pm- 3:00pm (ASY 1317) LAB Lapinski, T
0201 TuTh.....9:30am-12:00pm (ASY 1317) LAB Humphrey, M

ARTT386 Field Work; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

ARTT387 Field Work Analysis; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

ARTT418 Drawing: Advanced Drawing; Grade Method: REG/P-F/AUD. 3 credits
0101 MW.....9:00am-11:30am (ASY 2315) LAB Niese, H
0201 TuTh.....12:00pm- 2:30pm (ASY 2315) LAB Driskell, D
0301 TuTh.....9:00am-11:30am (ASY 2322) LAB Blotner, P

ARTT428 Painting: Advanced Painting; Grade Method: REG/P-F/AUD. 3 credits
0101 MW.....9:00am-11:30am (ASY 3316) LAB Klank, R
0201 MW.....12:30pm- 3:00pm (ASY 3322) LAB Richardson, W
0301 TuTh.....12:00pm- 2:30pm (ASY 3316) LAB Craig, P

ARTT438A Sculpture: Bronze Casting; Grade Method: REG/P-F/AUD. 3 credits
0101 MW.....12:30pm- 3:00pm (ASY 1310) Ruppert, J

ARTT438B Sculpture: Advanced Stone Sculpture; Grade Method: REG/P-F/AUD. 3 credits
0101 MW.....12:30pm- 3:00pm (ASY 1314) STAFF

ARTT438C Sculpture: Steel Sculpture; Grade Method: REG/P-F/AUD. 3 credits
0101 MW.....3:00pm- 5:30pm (ASY 1314) LAB Ruppert, J

ARTT448A Printmaking: Advanced Intaglio and Color Printing; Grade Method: REG/P-F/AUD. 3 credits
0101 MW.....9:00am-11:30am (ASY 1317) LAB Pogue, S

ARTT448B Printmaking: Advanced Lithography; Grade Method: REG/P-F/AUD. 3 credits
0101 MW.....12:30pm- 3:00pm (ASY 1317) Lapinski, T

ARTT489C Special Problems in Studio Arts: Figure Modeling; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....9:00am-11:30am (ASY 1311) LAB STAFF

ARTT489D Special Problems in Studio Arts: Artist's 3 credits

Survival Seminar; Grade Method: REG/P-F/AUD.
0101 Th.....12:30pm- 3:00pm (ASY M1328) DIS Demonte, C

ARTT489E (PermReq) Special Problems in Studio Arts: Papermaking; Grade Method: REG/P-F/AUD. 3 credits
0101 MW.....12:30pm- 3:00pm (ASY 3304) LAB Pogue, S

ARTT489F Special Problems in Studio Arts: Advanced Photography; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....3:00pm- 5:30pm (ASY 3304) STAFF

ARTT489G (PermReq) Special Problems in Studio Arts: Principles and Theory: African-American Art in Perspective; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....9:30am-10:45am (ASY 3219) Driskell, D

ARTT498 (PermReq) Directed Studies in Studio Art; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Scheduled for specific days/times with approval of department head. Not available as an elective. 2-3 credits

ARTT610 (PermReq) Drawing; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Formerly ARTS 610. 3 credits

ARTT620 (PermReq) Painting; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Formerly ARTS 620. 3 credits

ARTT624 Painting; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Formerly ARTS 624. 3 credits

ARTT626 Painting; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Formerly ARTS 626. 3 credits

ARTT627 Painting; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Formerly ARTS 627. 3 credits

ARTT634 (PermReq) Experimentation in Sculpture; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Formerly ARTS 634. 3 credits

ARTT646 Printmaking; Grade Method: REG/AUD. Formerly ARTS 646. 3 credits
0501 Time and room to be arranged Forbes Jr., J
1101 Time and room to be arranged Lapinski, T
2101 Time and room to be arranged Pogue, S

ARTT689B Special Problems in Studio Art: Artist's Survival Seminar; Grade Method: REG/AUD. 3 credits
0101 Th.....12:30pm- 3:00pm (ASY M1328) Demonte, C

ARTT689E Special Problems in Studio Art: Advanced Photography; Grade Method: REG/AUD. 3 credits
0101 Time and room to be arranged STAFF

ARTT689G (PermReq) Special Problems in Studio Art: Principles and Theory in African-American Art in Perspective; Grade Method: REG/AUD. 3 credits
0101 TuTh.....9:30am-10:45am (ASY 3219) Driskell, D

ARTT698 (PermReq) Directed Graduate Studies in Studio Art; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Scheduled for specific days/times with approval of department head. 3 credits

ARTT798 (PermReq) Directed Graduate Studies in Studio Art; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Scheduled for specific days/times with approval of department head. 3 credits

ARTT799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

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ASTR Astronomy (Comp, Math, & Phys Sci)

ASTR100 Introduction to Astronomy; Grade Method: REG/P-F/AUD. Credit for ASTR 100 cannot be obtained after, or simultaneously with, receiving credit for any astronomy course numbered 150 or higher. CORE Distributive Studies Physical Science Laboratory Course only when taken concurrently with ASTR 110 or ASTR 111. USP Distributive Studies Area B Course. If ASTR 110 or ASTR 111 are taken at the same or at a later time, the combination may be counted as USP Area B lab science requirement. Discussion sections do not meet the first week. Attend lecture before coming to discussion section. Section 0101 has no discussion section. 3 credits
0101 TuTh.....11:00am-12:15pm (PHY 1412) Verschuur, G
TuTh.....11:00am-12:15pm (PHY 1410)
0201 MWF.....9:00am- 9:50am (PHY 1412) Deming, G
M.....1:00pm- 1:50pm (CSS 1113) DIS
0202 MWF.....9:00am- 9:50am (PHY 1412) Deming, G
M.....2:00pm- 2:50pm (CSS 1113) DIS
0203 MWF.....9:00am- 9:50am (PHY 1412) Deming, G
Tu.....3:30pm- 4:20pm (CSS 1113) DIS
0204 MWF.....9:00am- 9:50am (PHY 1412) Deming, G
W.....1:00pm- 1:50pm (CSS 1113) DIS
0205 MWF.....9:00am- 9:50am (PHY 1412) Deming, G
W.....2:00pm- 2:50pm (CSS 1113) DIS
0206 MWF.....9:00am- 9:50am (PHY 1412) Deming, G
W.....3:00pm- 3:50pm (CSS 1113) DIS
0207 MWF.....9:00am- 9:50am (PHY 1412) Deming, G
Th.....3:30pm- 4:20pm (CSS 1113) DIS
0208 MWF.....9:00am- 9:50am (PHY 1412) Deming, G
F.....2:00pm- 2:50pm (CSS 1113) DIS
0301 TuTh.....9:30am-10:45am (PHY 1412) Vogel, S
M.....10:00am-10:50am (CSS 1113) DIS
0302 TuTh.....9:30am-10:45am (PHY 1412) Vogel, S
M.....12:00pm-12:50pm (CSS 1113) DIS
0303 TuTh.....9:30am-10:45am (PHY 1412) Vogel, S
M.....3:00pm- 3:50pm (CSS 1113) DIS
0304 TuTh.....9:30am-10:45am (PHY 1412) Vogel, S
W.....10:00am-10:50am (CSS 1113) DIS
0305 TuTh.....9:30am-10:45am (PHY 1412) Vogel, S
W.....12:00pm-12:50pm (CSS 1113) DIS
0306 TuTh.....9:30am-10:45am (PHY 1412) Vogel, S
F.....10:00am-10:50am (CSS 1113) DIS
0307 TuTh.....9:30am-10:45am (PHY 1412) Vogel, S
F.....12:00pm-12:50pm (CSS 1113) DIS
0308 TuTh.....9:30am-10:45am (PHY 1412) Vogel, S
F.....1:00pm- 1:50pm (CSS 1113) DIS

ASTR110 Astronomy Laboratory; Grade Method: REG/P-F/AUD. Pre- or corequisite: ASTR 100. CORE Distributive Studies Physical Science Laboratory Course only when taken concurrently with ASTR 100. Labs do not meet first week of classes. 1 credit
0101 M.....8:00am-10:00am (CSS 1109) LAB STAFF
0102 M.....10:30am-12:30pm (CSS 1109) LAB STAFF
0103 M.....1:00pm- 3:00pm (CSS 1109) LAB STAFF
0104 M.....3:30pm- 5:30pm (CSS 1109) LAB STAFF
0105 M.....6:00pm- 8:00pm (CSS 1109) LAB STAFF
0106 Tu.....8:00am-10:00am (CSS 1109) LAB STAFF
0107 Tu.....10:30am-12:30pm (CSS 1109) LAB STAFF
0108 Tu.....1:00pm- 3:00pm (CSS 1109) LAB STAFF
0109 Tu.....3:30pm- 5:30pm (CSS 1109) LAB STAFF
0110 Tu.....6:00pm- 8:00pm (CSS 1109) LAB STAFF
0111 W.....8:00am-10:00am (CSS 1109) LAB STAFF
0112 W.....10:30am-12:30pm (CSS 1109) LAB STAFF
0113 W.....1:00pm- 3:00pm (CSS 1109) LAB STAFF
0114 W.....3:30pm- 5:30pm (CSS 1109) LAB STAFF
0115 W.....6:00pm- 8:00pm (CSS 1109) LAB STAFF
0116 Th.....8:00am-10:00am (CSS 1109) LAB STAFF
0117 Th.....10:30am-12:30pm (CSS 1109) LAB STAFF
0118 Th.....1:00pm- 3:00pm (CSS 1109) LAB STAFF
0119 Th.....3:30pm- 5:30pm (CSS 1109) LAB STAFF
0120 Th.....6:00pm- 8:00pm (CSS 1109) LAB STAFF
0121 F.....8:00am-10:00am (CSS 1109) LAB STAFF
0122 F.....10:30am-12:30pm (CSS 1109) LAB STAFF
0123 F.....1:00pm- 3:00pm (CSS 1109) LAB STAFF
0124 F.....3:30pm- 5:30pm (CSS 1109) LAB STAFF

ASTR111 Observational Astronomy Laboratory; Grade Method: REG/P-F/AUD. Corequisite: ASTR 100. CORE Distributive Studies Physical Science Laboratory Course only when taken concurrently with ASTR 100. First meeting is in CSS 0201 during the first week of classes. 1 credit
0101 Tu.....7:30pm- 9:30pm (ALB 1101) LAB STAFF
0201 W.....7:30pm- 9:30pm (ALB 1101) LAB STAFF

ASTR200 Introductory Astronomy and Astrophysics; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Course. Pre- or corequisite: MATH 140. For science, mathematics, computer science and engineering majors only. Credit will be granted for only one of the following: ASTR 100 or ASTR 200. 3 credits
0101 TuTh.....9:30am-10:45am (CSS 1113) Matthews, T

ASTR288 (PermReq) Special Projects in Astronomy; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. A faculty sponsor must be found by the students wishing to enroll in this course. 1-3 credits

ASTR300 Stars and Stellar Systems; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. Prerequisite: ASTR 100 and completion of University Studies requirement in the natural sciences or permission of department. Designed primarily for non-physical science majors. Open to juniors and seniors only. 3 credits
0101 TuTh.....12:30pm- 1:45pm (CSS 1113) Theison, D

ASTR330 Solar-System Astronomy; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. Prerequisite: ASTR 100 and completion of University Studies requirement in the natural science or permission of department. Designed primarily for non-physical science majors. Open to juniors and seniors only. 3 credits
0101 MWF.....9:00am- 9:50am (CSS 1113) Theison, D

ASTR340 Galaxies and the Universe; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. Prerequisite: ASTR 100 and completion of University Studies requirement in the natural science or permission of department. Designed primarily for non-physical science majors. Open to juniors and seniors only. 3 credits
0101 TuTh.....11:00am-12:15pm (CSS 1113) Kundu, M

ASTR350 Astronomy and Astrophysics; Grade Method: REG/P-F/AUD. USP Distributive Studies Area B Course. Prerequisites: PHYS 272 or PHYS 262 or PHYS 142 or permission of department; ASTR 200 or specific reading assignments during course. Corequisite: PHYS 293 or PHYS 263. For science majors. 4 credits
0101 TuTh.....11:00am-12:15pm (CSS 0201) Ahearn, M
W.....11:00am-11:50am (CSS 0201) DIS

ASTR380 Life in the Universe; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. Prerequisite: ASTR 100 and completion of University Studies requirement in the natural science or permission of department. Designed primarily for non-science majors. Open only to juniors and seniors. 3 credits
0101 MWF.....11:00am-11:50am (CSS 1113) Deming, G
0201 TuTh.....2:00pm- 3:15pm (CSS 1113) Matthews, T

ASTR3980 (PermReq) Special Topics in Astronomy: Optical Observing; Grade Method: REG/P-F/AUD. Observational project will be required. Evening work at Observator regiored. 3 credits
0101 TuTh.....12:30pm- 1:45pm (CSS 0201) Zipoy, D

ASTR399 Honors Seminar; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-16 credits

ASTR430 The Solar System; Grade Method: REG/P-F/AUD. Prerequisite: MATH 246 and either PHYS 263 or PHYS 273, or permission of department. 3 credits
0101 TuTh.....9:30am-10:45am (CSS 0201) Hillman, J

ASTR440 Introduction to Extra-Galactic Astronomy; Grade Method: REG/P-F/AUD. Prerequisite: PHYS 272 and ASTR 350 or equivalent, or permission of department. 3 credits
0101 MWF.....10:00am-10:50am (CSS 0201) Trimble, V

ASTR498 (PermReq) Special Problems in Astronomy; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. This course is open only to those who make prior arrangements with a member of the astronomy faculty. 1-6 credits

ASTR600 Stellar Atmospheres; Grade Method: REG/AUD. Prerequisite: ASTR 422 or permission of department. 3 credits
0101 TuTh.....2:00pm- 3:15pm (CSS 0201) Harrington, J

ASTR620 Galaxies; Grade Method: REG/AUD. Prerequisite: ASTR 400 or permission of department. 3 credits
0101 MW.....2:00pm- 3:15pm (CSS 0201) Blitz, L

ASTR688A Special Topics in Modern Astronomy: Current Topics in Theoretical Astrophysics; Grade Method: REG/AUD. Contact Astronomy Program for details about topics covered and location of lecture. 3 credits
0101 MW.....11:00am-12:15pm (Arranged) Rose, W

ASTR699 (PermReq) Special Problems in Advanced Astronomy; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ASTR788 (PermReq) Selected Topics in Modern Astronomy; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

ASTR799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ASTR899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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BCHM Biochemistry (Life Sciences)

BCHM261 Elements of Biochemistry; Grade Method: REG/P-F/AUD. Prerequisite: CHEM 104 or CHEM 233 or CHEM 235. Not open to students who have completed BCHM 461. 3 credits
0101 TuTh.....9:00am- 9:15am (CHM 1402) Ponnamperuma, C

BCHM361 Origins of Biochemistry; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. Prerequisite: any distributive studies course in chemistry or any of the biological sciences. 3 credits
0101 TuTh.....9:30am-10:45am (CHM 0115) Holmlund, C

BCHM461 Biochemistry I; Grade Method: REG/P-F/AUD. Prerequisite: CHEM 243 or CHEM 245. 3 credits
0101 TuTh.....9:30am-10:45am (CHM 1407) Hansen, J

BCHM462 Biochemistry II; Grade Method: REG/P-F/AUD. Prerequisite: BCHM 461. 3 credits
0101 TuTh.....9:30am-10:45am (CHM 1402) Sampugna, J

BCHM463 Biochemistry Laboratory I; Grade Method: REG/P-F/AUD. Pre- or corequisite: BCHM 461. 2 credits
0102 TuTh.....1:00pm- 4:00pm (CHM 2225) LAB Sampugna, J

BCHM668 Special Problems in Biochemistry; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Registrants in this course must have prior approval from Dr. Gerlt. 2-4 credits

BCHM671 Protein Chemistry and Enzymic Catalysis; Grade Method: REG/AUD. 3 credits
0101 TuTh.....9:30am-10:45am (CHM 2201) Dunaway-Mariano

BCHM674 Nucleic Acids; Grade Method: REG/AUD. 3 credits
0101 TuTh.....8:00am- 9:15am (CHM 2201) Julin, D

BCHM699 Special Problems in Biochemistry; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Open only to non-thesis M.S. degree candidates. 1-6 credits

BCHM799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

BCHM898A Seminar: Biochemistry; Grade Method: REG/AUD. 1 credit
0101 Tu.....11:00am-11:50am (CHM 0128) Julin, D

BCHM898B Seminar: Bioorganic Chemistry; Grade Method: REG/AUD. 1 credit
0101 Time and room to be arranged Armstrong, R

BCHM898C Seminar: Lipid Metabolism; Grade Method: REG/AUD. 1 credit
0101 Time and room to be arranged Sampugna, J

BCHM898F Seminar: Spores; Grade Method: REG/AUD. 1 credit
0101 Time and room to be arranged Hansen, J

BCHM898G Seminar: Enzymology; Grade Method: REG/AUD. 1 credit
0101 Time and room to be arranged Dunaway-Mariano

BCHM898J Seminar: Mechanisms of Biochemical Reactions; Grade Method: REG/AUD. 1 credit
0101 Time and room to be arranged Gerlt, J

BCHM898K Seminar: Enzymology Recombination; Grade Method: REG/AUD. 1 credit
0101 Time and room to be arranged Julin, D

BCHM899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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BIOL Biology (Life Sciences)

Note: Additional biology courses may be found under these course readings - BOTN, ENTM, MICB and ZOOL.

BIOL101 Concepts of Biology; Grade Method: REG/P-F/AUD. CORE Distributive Studies Life Sciences Laboratory Course only when taken concurrently with BIOL 102. USP Distributive Studies Area B Course. If taken with BIOL 102, course may be counted as USP Area B lab science requirement. For non-science majors. 3 credits
1101 MWF.....12:00pm-12:50pm (HJP 0226) Motta, J

BIOL102 Laboratory in Biology; Grade Method: REG/P-F/AUD. Pre- or corequisites: BIOL 101. For non-science majors. CORE Distributive Studies Life Sciences Laboratory Course only when taken concurrently with BIOL 101. 1 credit
2017 M.....1:00pm- 4:00pm (ZOP 0213) LAB STAFF
2019 M.....1:00pm- 4:00pm (ZOP 0248) LAB STAFF
2021 Tu.....8:00am-11:00am (ZOP 0213) LAB STAFF
2022 Tu.....8:00am-11:00am (ZOP 0249) LAB STAFF
2024 Tu.....12:00pm- 3:00pm (ZOP 0213) LAB STAFF
2027 Tu.....3:00pm- 6:00pm (ZOP 0213) LAB STAFF
2031 W.....9:00am-12:00pm (ZOP 0213) LAB STAFF
2032 W.....9:00am-12:00pm (ZOP 0249) LAB STAFF
2041 Th.....9:00am-12:00pm (ZOP 0213) LAB STAFF
2042 Th.....9:00am-12:00pm (ZOP 0249) LAB STAFF
2044 Th.....12:00pm- 3:00pm (ZOP 0213) LAB STAFF

BIOL105 Principles of Biology I; Grade Method: REG/P-F/AUD. CORE Distributive Studies Life Science Laboratory Course. USP Distributive Studies Area B Course. For science majors. Credit will be granted for only one of the following: BIOL 101, BOTN 101, ZOOL 101, BIOL 105. 4 credits
5115 MWF.....10:00am-10:50am (HJP 0226) Berg, L
M.....11:00am- 2:00pm (HJP 2104) LAB
5117 MWF.....10:00am-10:50am (HJP 0226) Berg, L
M.....2:00pm- 5:00pm (HJP 2104) LAB
5121 MWF.....10:00am-10:50am (HJP 0226) Berg, L
Tu.....8:00am-11:00am (HJP 2104) LAB
5122 MWF.....10:00am-10:50am (HJP 0226) Berg, L
Tu.....8:00am-11:00am (HJP 2103) LAB
5124 MWF.....10:00am-10:50am (HJP 0226) Berg, L
Tu.....11:00am- 2:00pm (HJP 2103) LAB
5125 MWF.....10:00am-10:50am (HJP 0226) Berg, L
Tu.....11:00am- 2:00pm (HJP 2104) LAB
5135 MWF.....10:00am-10:50am (HJP 0226) Berg, L
W.....11:00am- 2:00pm (HJP 2104) LAB
5137 MWF.....10:00am-10:50am (HJP 0226) Berg, L
W.....2:00pm- 5:00pm (HJP 2104) LAB
5141 MWF.....10:00am-10:50am (HJP 0226) Berg, L
Th.....8:00am-11:00am (HJP 2104) LAB
5142 MWF.....10:00am-10:50am (HJP 0226) Berg, L
Th.....8:00am-11:00am (HJP 2103) LAB
5144 MWF.....10:00am-10:50am (HJP 0226) Berg, L
Th.....11:00am- 2:00pm (HJP 2103) LAB
5145 MWF.....10:00am-10:50am (HJP 0226) Berg, L
Th.....11:00am- 2:00pm (HJP 2104) LAB
5155 MWF.....10:00am-10:50am (HJP 0226) Berg, L
F.....11:00am- 2:00pm (HJP 2104) LAB
5214 MWF.....11:00am-11:50am (ZOP 1240) Cook, T
M.....12:00pm- 3:00pm (HJP 2103) LAB
5218 MWF.....11:00am-11:50am (ZOP 1240) Cook, T
M.....3:00pm- 6:00pm (HJP 2103) LAB
5227 MWF.....11:00am-11:50am (ZOP 1240) Cook, T
Tu.....2:00pm- 5:00pm (HJP 2104) LAB
5228 MWF.....11:00am-11:50am (ZOP 1240) Cook, T
Tu.....2:00pm- 5:00pm (HJP 2103) LAB
5229 MWF.....11:00am-11:50am (ZOP 1240) Cook, T
Tu.....5:00pm- 8:00pm (ZOP 0249) LAB
5231 MWF.....11:00am-11:50am (ZOP 1240) Cook, T
W.....8:00am-11:00am (HJP 2104) LAB
5232 MWF.....11:00am-11:50am (ZOP 1240) Cook, T
W.....8:00am-11:00am (HJP 2103) LAB
5234 MWF.....11:00am-11:50am (ZOP 1240) Cook, T
W.....12:00pm- 3:00pm (HJP 2103) LAB
5238 MWF.....11:00am-11:50am (ZOP 1240) Cook, T
W.....3:00pm- 6:00pm (HJP 2103) LAB
5247 MWF.....11:00am-11:50am (ZOP 1240) Cook, T
Th.....2:00pm- 5:00pm (HJP 2104) LAB
5248 MWF.....11:00am-11:50am (ZOP 1240) Cook, T
Th.....2:00pm- 5:00pm (HJP 2103) LAB
5251 MWF.....11:00am-11:50am (ZOP 1240) Cook, T
F.....8:00am-11:00am (HJP 2104) LAB
5252 MWF.....11:00am-11:50am (ZOP 1240) Cook, T
F.....8:00am-11:00am (HJP 2103) LAB
5254 MWF.....11:00am-11:50am (ZOP 1240) Cook, T
F.....12:00pm- 3:00pm (HJP 2103) LAB
5315 MWF.....2:00pm- 2:50pm (HJP 0226) STAFF
M.....11:00am- 2:00pm (ZOP 0207) LAB
5319 MWF.....2:00pm- 2:50pm (HJP 0226) STAFF
M.....3:00pm- 6:00pm (ZOP 0207) LAB
5321 MWF.....2:00pm- 2:50pm (HJP 0226) STAFF
Tu.....8:00am-11:00am (ZOP 0207) LAB
5325 MWF.....2:00pm- 2:50pm (HJP 0226) STAFF
Tu.....11:00am- 2:00pm (ZOP 0249) LAB
5327 MWF.....2:00pm- 2:50pm (HJP 0226) STAFF
Tu.....2:00pm- 5:00pm (ZOP 0249) LAB
5331 MWF.....2:00pm- 2:50pm (HJP 0226) STAFF
W.....8:00am-11:00am (ZOP 0207) LAB
5335 MWF.....2:00pm- 2:50pm (HJP 0226) STAFF
W.....11:00am- 2:00pm (ZOP 0207) LAB
5339 MWF.....2:00pm- 2:50pm (HJP 0226) STAFF
W.....3:00pm- 6:00pm (ZOP 0249) LAB
5341 MWF.....2:00pm- 2:50pm (HJP 0226) STAFF
Th.....8:00am-11:00am (ZOP 0207) LAB
5345 MWF.....2:00pm- 2:50pm (HJP 0226) STAFF
Th.....11:00am- 2:00pm (ZOP 0207) LAB
5347 MWF.....2:00pm- 2:50pm (HJP 0226) STAFF
Th.....2:00pm- 5:00pm (ZOP 0249) LAB
5351 MWF.....2:00pm- 2:50pm (HJP 0226) STAFF
F.....8:00am-11:00am (ZOP 0249) LAB
5355 MWF.....2:00pm- 2:50pm (HJP 0226) STAFF
F.....11:00am- 2:00pm (ZOP 0249) LAB

BIOL106 Principles of Biology II; Grade Method: REG/P-F/AUD. CORE Distributive Studies Life Science Laboratory Course. USP Distributive Studies Area B Course. Prerequisite: BIOL 105. For science majors. 4 credits
6116 MWF.....11:00am-11:50am (HJP 0226) STAFF
M.....12:00pm- 3:00pm (ZOP 0245) LAB
6119 MWF.....11:00am-11:50am (HJP 0226) STAFF
M.....3:00pm- 6:00pm (ZOP 0245) LAB
6121 MWF.....11:00am-11:50am (HJP 0226) STAFF
Tu.....8:00am-11:00am (ZOP 0245) LAB
6124 MWF.....11:00am-11:50am (HJP 0226) STAFF
Tu.....11:00am- 2:00pm (ZOP 0245) LAB
6127 MWF.....11:00am-11:50am (HJP 0226) STAFF
Tu.....2:00pm- 5:00pm (ZOP 0245) LAB
6129 MWF.....11:00am-11:50am (HJP 0226) STAFF
Tu.....5:00pm- 8:00pm (ZOP 0245) LAB
6131 MWF.....11:00am-11:50am (HJP 0226) STAFF
W.....8:00am-11:00am (ZOP 0245) LAB
6136 MWF.....11:00am-11:50am (HJP 0226) STAFF
W.....12:00pm- 3:00pm (ZOP 0245) LAB
6139 MWF.....11:00am-11:50am (HJP 0226) STAFF
W.....3:00pm- 6:00pm (ZOP 0245) LAB
6141 MWF.....11:00am-11:50am (HJP 0226) STAFF
Th.....8:00am-11:00am (ZOP 0245) LAB
6144 MWF.....11:00am-11:50am (HJP 0226) STAFF
Th.....11:00am- 2:00pm (ZOP 0245) LAB
6147 MWF.....11:00am-11:50am (HJP 0226) STAFF
Th.....2:00pm- 5:00pm (ZOP 0245) LAB
6151 MWF.....11:00am-11:50am (HJP 0226) STAFF
F.....8:00am-11:00am (ZOP 0245) LAB
6156 MWF.....11:00am-11:50am (HJP 0226) STAFF
F.....12:00pm- 3:00pm (ZOP 0245) LAB

BIOL124 Cosmic Evolution; Grade Method: REG/P-F/AUD. 3 credits
4001 TuTh.....3:30pm- 4:45pm (CHM 1407) Ponnamperuma, C

BIOL398 (PermReq) Honors Research Problems in Biology; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Contact L. Berg (1225 H.J.Patterson) to obtain section number. 1-3 credits

BIOL399 (PermReq) Honors Seminar in Biology; Grade Method: REG. 1 credit
0101 F.....10:00am-10:50am (HJP 1229) Berg, L

BIOM Biometrics (Agriculture)

BIOM401 Biostatistics I; Grade Method: REG/P-F/AUD. Prerequisite: BIOM 301. 4 credits
0101 TuTh.....12:30pm- 1:45pm (CHE 2110) Douglass, L
Tu.....3:00pm- 3:50pm (CHE 2140) DIS
0102 TuTh.....12:30pm- 1:45pm (CHE 2110) Douglass, L
Tu.....4:00pm- 4:50pm (CHE 2140) DIS
0103 TuTh.....12:30pm- 1:45pm (CHE 2110) Douglass, L
W.....12:00pm-12:50pm (CHE 2140) DIS

BIOM405 Computer Applications in Biometrics; Grade Method: REG/P-F/AUD. Corequisite: BIOM 401. 1 credit
0101 Th.....5:00pm- 7:00pm (ANS 1109) LAB Johnson, A

BIOM603 Biostatistics III; Grade Method: REG/AUD. Corequisite: BIOM 604. Prerequisite: BIOM 602; and BIOM 405 or equivalent. 3 credits
0101 TuTh.....11:00am-12:15pm (CHE 2118) Russek-Cohen, E

BIOM604 Linear Models Computer Laboratory; Grade 1 credit

Method: REG/AUD. Corequisite: BIOM 603. Prerequisite: BIOM 405.
0101 Th.....9:00am-11:00am (ANS 2105) LAB Russek-Cohen, E

BIOM688A (PermReq) Topics in Biometrics: Consulting Experience in Biometrics; Grade Method: REG/AUD. 1-3 credits
0101 Time and room to be arranged Douglass, L

BIOM688B Topics in Biometrics: Applied Multivariate Statistics; Grade Method: REG/AUD. 3 credits
0101 TuTh.....2:00pm- 3:15pm (CHE 2118) Russek-Cohen, E

BIOM898 Special Problems in Biometrics; Grade Method: REG. 1 credit
0101 Time and room to be arranged Douglass, L

BMGT Business and Management (Business and Management)

BMGT110 Introduction to Business and Management; Grade Method: REG/P-F/AUD. Not open to business majors with 60 or more hours completed. 3 credits
0101 TuTh.....9:30am-10:45am (TYD 0130) Nickels, W

BMGT110L (PermReq) Introduction to Business and Management; Grade Method: REG. By permission of the Arts and Humanities Dean's Office only. 3 credits
0101 TuTh.....2:00pm- 3:15pm (ARC 1105) Nickels, W

BMGT220 Principles of Accounting I; Grade Method: REG. Sophomore standing. Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a make-up exam. 3 credits

0101	MW.....5:30pm- 6:45pm (TYD 0130)			Hardy, K
	Th.....9:00am- 9:50am (TAA 1130)	DIS		
0102	MW.....5:30pm- 6:45pm (TYD 0130)			Hardy, K
	Th.....10:00am-10:50am (TAA 1130)	DIS		
0103	MW.....5:30pm- 6:45pm (TYD 0130)			Hardy, K
	Th.....11:00am-11:50am (TAA 1130)	DIS		
0104	MW.....5:30pm- 6:45pm (TYD 0130)			Hardy, K
0105	Th.....12:00pm-12:50pm (TAA 1130)	DIS		
	MW.....5:30pm- 6:45pm (TYD 0130)			Hardy, K
0106	Th.....1:00pm- 1:50pm (TAA 1130)	DIS		
	MW.....5:30pm- 6:45pm (TYD 0130)			Hardy, K
0107	Th.....2:00pm- 2:50pm (TAA 1130)	DIS		
	MW.....5:30pm- 6:45pm (TYD 0130)			Hardy, K
	F.....9:00am- 9:50am (TAA 1130)	DIS		
0108	MW.....5:30pm- 6:45pm (TYD 0130)			Hardy, K
	F.....10:00am-10:50am (TAA 1130)	DIS		
0109	MW.....5:30pm- 6:45pm (TYD 0130)			Hardy, K
	F.....11:00am-11:50am (TAA 1130)	DIS		
0110	MW.....5:30pm- 6:45pm (TYD 0130)			Hardy, K
	F.....12:00pm-12:50pm (TAA 1130)	DIS		
0111	MW.....5:30pm- 6:45pm (TYD 0130)			Hardy, K
	F.....1:00pm- 1:50pm (TAA 1130)	DIS		
0112	MW.....5:30pm- 6:45pm (TYD 0130)			Hardy, K
	F.....2:00pm- 2:50pm (TAA 1130)	DIS		
0201	TuTh.....8:00am- 9:15am (TYD 0130)			Rymer, V
	M.....9:00am- 9:50am (TAA 1130)	DIS		
0202	TuTh.....8:00am- 9:15am (TYD 0130)			Rymer, V
	M.....10:00am-10:50am (TAA 1130)	DIS		
0203	TuTh.....8:00am- 9:15am (TYD 0130)			Rymer, V
	M.....11:00am-11:50am (TAA 1130)	DIS		
0204	TuTh.....8:00am- 9:15am (TYD 0130)			Rymer, V
	M.....9:00am- 9:50am (TYD 0111)	DIS		
0205	TuTh.....8:00am- 9:15am (TYD 0130)			Rymer, V
	Tu.....10:00am-10:50am (TAA 1130)	DIS		
0206	TuTh.....8:00am- 9:15am (TYD 0130)			Rymer, V
	Tu.....11:00am-11:50am (TAA 1130)	DIS		
0207	TuTh.....8:00am- 9:15am (TYD 0130)			Rymer, V
	W.....9:00am- 9:50am (TAA 1130)	DIS		
0208	TuTh.....8:00am- 9:15am (TYD 0130)			Rymer, V
	W.....10:00am-10:50am (TAA 1130)	DIS		
0209	TuTh.....8:00am- 9:15am (TYD 0130)			Rymer, V
	W.....11:00am-11:50am (TAA 1130)	DIS		
0210	TuTh.....8:00am- 9:15am (TYD 0130)			Rymer, V
	W.....8:00am- 8:50am (TYD 0111)	DIS		
0211	TuTh.....8:00am- 9:15am (TYD 0130)			Rymer, V
	Th.....10:00am-10:50am (EDU 4233)	DIS		
0212	TuTh.....8:00am- 9:15am (TYD 0130)			Rymer, V
	Th.....11:00am-11:50am (HZF 1102)	DIS		

BMGT221 Principles of Accounting II; Grade Method: REG. Prerequisite: BMGT 220. Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam. 3 credits

0101	MW.....4:00pm- 5:15pm (TYD 0130)			STAFF
	M.....12:00pm-12:50pm (TAA 1130)	DIS		
0102	MW.....4:00pm- 5:15pm (TYD 0130)			STAFF
	M.....1:00pm- 2:00pm (TAA 1130)	DIS		
0103	MW.....4:00pm- 5:15pm (TYD 0130)			STAFF
	M.....2:00pm- 3:00pm (TAA 1130)	DIS		
0104	MW.....4:00pm- 5:15pm (TYD 0130)			STAFF
	Tu.....12:00pm-12:50pm (TAA 1130)	DIS		
0105	MW.....4:00pm- 5:15pm (TYD 0130)			STAFF
	Tu.....1:00pm- 1:50pm (TAA 1130)	DIS		
0106	MW.....4:00pm- 5:15pm (TYD 0130)			STAFF
	Tu.....2:00pm- 2:50pm (TAA 1130)	DIS		
0107	MW.....4:00pm- 5:15pm (TYD 0130)			STAFF
	W.....12:00pm-12:50pm (TAA 1130)	DIS		
0108	MW.....4:00pm- 5:15pm (TYD 0130)			STAFF
	W.....1:00pm- 1:50pm (TAA 1130)	DIS		
0109	MW.....4:00pm- 5:15pm (TYD 0130)			STAFF
	W.....2:00pm- 2:50pm (TAA 1130)	DIS		
0110	MW.....4:00pm- 5:15pm (TYD 0130)			STAFF
	Th.....12:00pm-12:50pm (ARM 0110)	DIS		
0111	MW.....4:00pm- 5:15pm (TYD 0130)			STAFF
	Th.....1:00pm- 1:50pm (ARM 0110)	DIS		
0112	MW.....4:00pm- 5:15pm (TYD 0130)			STAFF
	Th.....2:00pm- 2:50pm (MTH 3418)	DIS		

BMGT230 Business Statistics; Grade Method: REG. Prerequisite: MATH 220. Not open to students who have completed BMGT 231, ENEE 324, or STAT 400. Credit will be granted for only one of the following: AREC 484, BIOM 301, BMGT 230, CNEC 400, ECON 321, EDMS 451, GEOG 305, GVPT 422, PSYC 200, SOCY 201, URBS 350, or TEXT 400. Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a make-up exam. Section 0201 places emphasis on resampling statistics which relies on simulation. 3 credits

0101	TuTh.....12:30pm- 1:45pm (TYD 0130)			Widhelm, W
	M.....8:00am- 8:50am (TYD 1140)	DIS		
0102	TuTh.....12:30pm- 1:45pm (TYD 0130)			Widhelm, W
	M.....8:00am- 8:50am (TYD 1108)	DIS		
0103	TuTh.....12:30pm- 1:45pm (TYD 0130)			Widhelm, W
	F.....8:00am- 8:50am (TYD 1140)	DIS		
0104	TuTh.....12:30pm- 1:45pm (TYD 0130)			Widhelm, W
	F.....9:00am- 9:50am (TYD 1140)	DIS		
0105	TuTh.....12:30pm- 1:45pm (TYD 0130)			Widhelm, W
	F.....10:00am-10:50am (TYD 1140)	DIS		
0106	TuTh.....12:30pm- 1:45pm (TYD 0130)			Widhelm, W
	F.....11:00am-11:50am (TYD 1140)	DIS		
0107	TuTh.....12:30pm- 1:45pm (TYD 0130)			Widhelm, W
	F.....12:00pm-12:50pm (TYD 1140)	DIS		
0108	TuTh.....12:30pm- 1:45pm (TYD 0130)			Widhelm, W
	F.....1:00pm- 1:50pm (TYD 1140)	DIS		
0109	TuTh.....12:30pm- 1:45pm (TYD 0130)			Widhelm, W
	F.....2:00pm- 2:50pm (TYD 1140)	DIS		
0110	TuTh.....12:30pm- 1:45pm (TYD 0130)			Widhelm, W
	F.....3:00pm- 3:50pm (TYD 1140)	DIS		
0111	TuTh.....12:30pm- 1:45pm (TYD 0130)			Widhelm, W
	F.....3:00pm- 3:50pm (TYD 2106)	DIS		
0112	TuTh.....12:30pm- 1:45pm (TYD 0130)			Widhelm, W
	F.....4:00pm- 4:50pm (TYD 1140)	DIS		
0201	MW.....3:30pm- 4:45pm (TLF 0101)			Simon, J

BMGT231 Statistical Models For Business; Grade Method: REG. Prerequisite: MATH 141 or permission of department. For management science and statistics majors. Credit will be granted for only one of the following: BMGT 231, ENEE 324, or STAT 400. 3 credits
0101 TuTh.....12:30pm- 1:45pm (TYD 1140) Kotz, S
Tu.....9:00am- 9:50am (ARM 0117) DIS

BMGT301 Introduction to Data Processing; Grade Method: REG. This is a restricted course for BMGT majors, 0838O, and 0803M with 53 semester hours completed. All others must have authorization form. 3 credits

0101	TuTh.....8:00am- 9:15am (SNH 2101)			Spear, R
	F.....9:00am- 9:50am (TYD 2102)	DIS		
0102	TuTh.....8:00am- 9:15am (SNH 2101)			Spear, R
	F.....10:00am-10:50am (TYD 2102)	DIS		
0103	TuTh.....8:00am- 9:15am (SNH 2101)			Spear, R
	F.....11:00am-11:50am (TYD 2102)	DIS		
0104	TuTh.....8:00am- 9:15am (SNH 2101)			Spear, R
	F.....12:00pm-12:50pm (TYD 2102)	DIS		
0201	MW.....3:30pm- 4:45pm (SNH 2101)			Chaires Jr., J
0202	F.....8:00am- 8:50am (TYD 1118)	DIS		Chaires Jr., J
0203	MW.....3:30pm- 4:45pm (SNH 2101)			Chaires Jr., J
	F.....9:00am- 9:50am (TYD 1118)	DIS		
0204	MW.....3:30pm- 4:45pm (SNH 2101)			Chaires Jr., J
	F.....10:00am-10:50am (TYD 1118)	DIS		
	MW.....3:30pm- 4:45pm (SNH 2101)			
	F.....11:00am-11:50am (TYD 1118)	DIS		

BMGT302 Information Systems Implementation Techniques; Grade Method: REG. Prerequisite: BMGT 301. This is a restricted course for BMGT majors and 0838O majors with 89 semester hours completed. All others must have authorization form. 3 credits
0101 TuTh.....8:30am-10:45am (TYD 1140) Spear, R

BMGT310 Intermediate Accounting I; Grade Method: REG. Prerequisite: BMGT 221. Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a make-up exam. This is a restricted course for accounting majors with 53 semester hours completed. All others must have authorization form. 3 credits

0101	MW.....8:00am- 9:15am (TYD 0102)			Mitschow, M
0201	MW.....12:30pm- 1:45pm (TYD 0111)			Mitschow, M
0301	MW.....2:00pm- 3:15pm (TYD 2111)			Main, D
0401	MW.....3:30pm- 4:45pm (TYD 1140)			Main, D
0501	TuTh.....9:30am-10:45am (HBK 0117)			STAFF
0601	TuTh.....11:00am-12:15pm (HBK 0117)			STAFF

BMGT311 Intermediate Accounting II; Grade Method: REG. Prerequisite: BMGT 310. Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam. This is restricted to accounting majors with 65 semester hours completed. All others must have authorization form. 3 credits

0101	MWF.....12:00pm-12:50pm (TYD 1101)			Amlie, T
0201	MWF.....1:00pm- 1:50pm (TYD 1101)			Amlie, T
0301	MW.....3:30pm- 4:45pm (WDS 1114)			Amlie, T

BMGT321 Cost Accounting; Grade Method: REG. Prerequisite: BMGT 221. This course is restricted to BMGT majors with 53 semester hours completed. All others must have authorizationse form. 3 credits

0101	TuTh.....11:00am-12:15pm (TYD 2108)			Bedingfield, J
0201	TuTh.....12:30pm- 1:45pm (TYD 2108)			Bedingfield, J
0301	MW.....2:00pm- 3:15pm (TYD 2108)			Loeb, M
0401	MW.....3:30pm- 4:45pm (TYD 2106)			Loeb, M

BMGT323 Income Tax Accounting; Grade Method: REG. Prerequisite: BMGT 221. This course is restricted to BMGT majors with 53 semester hours. All others must have authorization form. 3 credits

0101	TuTh.....12:30pm- 1:45pm (TYD 1101)			LeClere, M
0201	TuTh.....2:00pm- 3:15pm (TYD 0102)			LeClere, M
0301	MW.....2:00pm- 3:15pm (TYD 0102)			Pantalone Jr.,
0401	MW.....3:30pm- 4:45pm (TYD 2108)			Pantalone Jr.,

BMGT326 Accounting Systems; Grade Method: REG. Prerequisites: BMGT 301; and BMGT 321. This course is restricted to accounting majors with 74 semester hours completed. All others must have authorization form. 3 credits

0101	MW.....9:30am-10:45am (TYD 0102)			Kandelin, N
0201	MW.....11:00am-12:15pm (TYD 0102)			Kandelin, N

BMGT332 Operations Research For Management Decisions; Grade Method: REG. Prerequisite: BMGT 230. Not for Management Science-Statistics majors. This course is restricted to BMGT majors with 53 semester hours completed. All others must have authorization form. 3 credits

0101	MW.....9:30am-10:45am (TYD 1140)			Fromovitz, S
0201	MW.....11:00am-12:15pm (TYD 1140)			Fromovitz, S
0301	TuTh.....8:00am- 9:15am (TYD 1140)			Lin, F
0401	TuTh.....11:00am-12:15pm (TYD 1140)			Lin, F
0501	TuTh.....2:00pm- 3:15pm (TYD 1108)			Jein, K

BMGT340 Business Finance; Grade Method: REG. Prerequisites: BMGT 221; and [BMGT 230 or BMGT 231]. This course is restricted to BMGT majors with 53 semester hours and major code 0111C. All others must have authorization form. 3 credits

0101	MW.....1:00pm- 2:15pm (TYD 0130)			Pichler, P
	F.....8:00am- 8:50am (TYD 0117)	DIS		
0102	MW.....1:00pm- 2:15pm (TYD 0130)			Pichler, P
	F.....8:00am- 8:50am (TYD 2108)	DIS		
0103	MW.....1:00pm- 2:15pm (TYD 0130)			Pichler, P
	F.....9:00am- 9:50am (TYD 0117)	DIS		
0104	MW.....1:00pm- 2:15pm (TYD 0130)			Pichler, P
	F.....9:00am- 9:50am (TYD 2108)	DIS		
0105	MW.....1:00pm- 2:15pm (TYD 0130)			Pichler, P
	F.....10:00am-10:50am (TYD 0117)	DIS		
0106	MW.....1:00pm- 2:15pm (TYD 0130)			Pichler, P
	F.....10:00am-10:50am (COL 3110)	DIS		
0107	MW.....1:00pm- 2:15pm (TYD 0130)			Pichler, P
	F.....11:00am-11:50am (HZF 1102)	DIS		
0108	MW.....1:00pm- 2:15pm (TYD 0130)			Pichler, P
	F.....11:00am-11:50am (JRN 1105)	DIS		
0109	MW.....1:00pm- 2:15pm (TYD 0130)			Pichler, P
	F.....12:00pm-12:50pm (TYD 0117)	DIS		
0110	MW.....1:00pm- 2:15pm (TYD 0130)			Pichler, P
	F.....12:00pm-12:50pm (HZF 1101)	DIS		
0111	MW.....1:00pm- 2:15pm (TYD 0130)			Pichler, P
	F.....3:00pm- 3:50pm (TYD 0117)	DIS		
0112	MW.....1:00pm- 2:15pm (TYD 0130)			Pichler, P
	F.....4:00pm- 4:50pm (TYD 0117)	DIS		

BMGT343 Investments; Grade Method: REG. Prerequisite: BMGT 340. This course is restricted to BMGT majors with 60 semester hours completed. All others must have authorization form. 3 credits

0101	TuTh.....11:00am-12:15pm (TYD 0111)			Chen, S
0201	TuTh.....12:30pm- 1:45pm (TYD 0111)			Chen, S
0301	MW.....2:00pm- 3:15pm (TLF 0101)			Madan, D
0401	M.....7:00pm- 9:40pm (TYD 0102)			Jang, H

BMGT350 Marketing Principles and Organization; Grade Method: REG. Prerequisite: ECON 203; or ECON 205. This course is restricted to marketing majors with 53 semester hours completed. Other BMGT majors and students with major codes 0803C, 0838O, 1303A, 1303B, 1303C, 1303E, 1304A, 0602A, 0602F, 0111C must have 70 semester hours completed. All others must have authorization form. 3 credits

0101	TuTh.....3:30pm- 4:45pm (TYD 0130)			Nickels, W
	F.....8:00am- 8:50am (TYD 0102)	DIS		
0102	TuTh.....3:30pm- 4:45pm (TYD 0130)			Nickels, W
	F.....9:00am- 9:50am (TYD 1108)	DIS		
0103	TuTh.....3:30pm- 4:45pm (TYD 0130)			Nickels, W
	F.....9:00am- 9:50am (TYD 0102)	DIS		
0104	TuTh.....3:30pm- 4:45pm (TYD 0130)			Nickels, W
	F.....10:00am-10:50am (TYD 0102)	DIS		
0105	TuTh.....3:30pm- 4:45pm (TYD 0130)			Nickels, W
	F.....11:00am-11:50am (TYD 0102)	DIS		
0106	TuTh.....3:30pm- 4:45pm (TYD 0130)			Nickels, W
	F.....12:00pm-12:50pm (TYD 0102)	DIS		
0107	TuTh.....3:30pm- 4:45pm (TYD 0130)			Nickels, W
	F.....1:00pm- 1:50pm (TYD 0102)	DIS		
0108	TuTh.....3:30pm- 4:45pm (TYD 0130)			Nickels, W
	F.....1:00pm- 1:50pm (TYD 2108)	DIS		
0109	TuTh.....3:30pm- 4:45pm (TYD 0130)			Nickels, W
	F.....2:00pm- 2:50pm (TYD 0102)	DIS		
0110	TuTh.....3:30pm- 4:45pm (TYD 0130)			Nickels, W
	F.....2:00pm- 2:50pm (TYD 1108)	DIS		
0111	TuTh.....3:30pm- 4:45pm (TYD 0130)			Nickels, W
	F.....3:00pm- 3:50pm (TYD 0102)	DIS		
0112	TuTh.....3:30pm- 4:45pm (TYD 0130)			Nickels, W
	F.....4:00pm- 4:50pm (TYD 0102)	DIS		

BMGT354 Promotion Management; Grade Method: REG. Prerequisite: BMGT 350. This course is restricted to BMGT majors and students with major codes 0803C, 0602A, 0602F 1303B, 1303C, 1304A with 60 hours. All others must have authorization form. 3 credits

0101	MW.....8:00am- 9:15am (TYD 0117)			Arunthanes, W
0201	MW.....9:30am-10:45am (TYD 0117)			Arunthanes, W
0301	TuTh.....8:30am-10:45am (TYD 2108)			Beasley, F
0401	Tu.....6:30pm- 9:10pm (TYD 0102)			Poist, R

BMGT380 Personnel Management; Grade Method: REG. This course is open to all students with 53 semester hours completed. 3 credits

0101	MW.....2:30pm- 3:45pm (TYD 0130)			Morse, G
	Th.....8:00am- 8:50am (TYD 1118)	DIS		
0102	MW.....2:30pm- 3:45pm (TYD 0130)			Morse, G
	F.....8:00am- 8:50am (TYD 2110)	DIS		
0103	MW.....2:30pm- 3:45pm (TYD 0130)			Morse, G
	F.....10:00am-10:50am (TYD 2110)	DIS		
0104	MW.....2:30pm- 3:45pm (TYD 0130)			Morse, G
	F.....11:00am-11:50am (TYD 1122)	DIS		
0105	MW.....2:30pm- 3:45pm (TYD 0130)			Morse, G
	F.....12:00pm-12:50pm (TYD 2106)	DIS		
0106	MW.....2:30pm- 3:45pm (TYD 0130)			Morse, G
	F.....1:00pm- 1:50pm (TYD 2106)	DIS		
0107	MW.....2:30pm- 3:45pm (TYD 0130)			Morse, G
	F.....2:00pm- 2:50pm (TYD 2106)	DIS		
0108	MW.....2:30pm- 3:45pm (TYD 0130)			Morse, G
	F.....3:00pm- 3:50pm (TYD 1118)	DIS		
0109	MW.....2:30pm- 3:45pm (TYD 0130)			Morse, G
	F.....4:00pm- 4:50pm (TYD 1108)	DIS		
0110	MW.....2:30pm- 3:45pm (TYD 0130)			Morse, G
	F.....3:00pm- 3:50pm (TYD 2106)	DIS		
0111	MW.....2:30pm- 3:45pm (TYD 0130)			Morse, G
	F.....4:00pm- 4:50pm (TYD 1108)	DIS		
0112	MW.....2:30pm- 3:45pm (TYD 0130)			Morse, G
	F.....4:00pm- 4:50pm (TYD 2106)	DIS		

BMGT382 Labor Relations; Grade Method: REG. This course is restricted to BMGT majors and students with major codes 0838A and 1307A with 60 semester hours completed. All others must have authorization form. 3 credits
0101 TuTh.....9:30am-10:45am (JRN 1104) Kovach, K
0201 TuTh.....11:00am-12:15pm (JRN 1104) Kovach, K

BMGT384 Management and Organization Theory; Grade Method: REG. This course is restricted to BMGT majors and students with major codes 1303A, 1303B, 1303C, 1304E, 0111C, and with 53 semester hours completed. All others must have authorization form. 3 credits

0101	TuTh.....11:00am-12:15pm (TYD 0130)			Carroll Jr., S
	F.....8:00am- 8:50am (TYD 0117)	DIS		
0102	TuTh.....11:00am-12:15pm (TYD 0130)			Carroll Jr., S
	F.....9:00am- 9:50am (TYD 0111)	DIS		
0103	TuTh.....11:00am-12:15pm (TYD 0130)			Carroll Jr., S
	F.....10:00am-10:50am (TYD 0111)	DIS		
0104	TuTh.....11:00am-12:15pm (TYD 0130)			Carroll Jr., S
	F.....11:00am-11:50am (TYD 0111)	DIS		
0105	TuTh.....11:00am-12:15pm (TYD 0130)			Carroll Jr., S
	F.....12:00pm-12:50pm (TYD 0111)	DIS		
0106	TuTh.....11:00am-12:15pm (TYD 0130)			Carroll Jr., S
	F.....12:00pm-12:50pm (TYD 1118)	DIS		
0107	TuTh.....11:00am-12:15pm (TYD 0130)			Carroll Jr., S
	F.....1:00pm- 1:50pm (TYD 0111)	DIS		
0108	TuTh.....11:00am-12:15pm (TYD 0130)			Carroll Jr., S
	F.....1:00pm- 1:50pm (TYD 1118)	DIS		
0109	TuTh.....11:00am-12:15pm (TYD 0130)			Carroll Jr., S
	F.....2:00pm- 2:50pm (TYD 1118)	DIS		
0110	TuTh.....11:00am-12:15pm (TYD 0130)			Carroll Jr., S
	F.....2:00pm- 2:50pm (TYD 0111)	DIS		
0111	TuTh.....11:00am-12:15pm (TYD 0130)			Carroll Jr., S
	F.....3:00pm- 3:50pm (TYD 0111)	DIS		
0112	TuTh.....11:00am-12:15pm (TYD 0130)			Carroll Jr., S
	F.....4:00pm- 4:50pm (TYD 0111)	DIS		

BMGT370 Principles of Transportation; Grade Method: REG. Prerequisite: ECON 203; or ECON 205. This course is open to all students with 53 semester hours completed. 3 credits

0101	MWF.....10:00am-10:50am (TYD 1114)		Jarrell, J
0201	MWF.....11:00am-11:50am (TYD 2109)		Jarrell, J
0301	TuTh.....8:00am- 9:15am (TYD 1108)		Gardner, L
0401	TuTh.....12:30pm- 1:45pm (TYD 2109)		Dresner, M

BMGT372 Traffic and Physical Distribution Management; Grade Method: REG. Open to BMGT majors only with 53 semester hours completed. 3 credits

0101	TuTh.....8:00am- 9:15am (TYD 2109)		Poist, R
0201	TuTh.....3:30pm- 4:45pm (TYD 2109)		Poist, R

BMGT380 Business Law I; Grade Method: REG. This course is restricted to BMGT majors and students with major codes 0803C 0803M, 0111C and 0838O with 53 semester hours completed. All others must have authorization form. 3 credits

0101	TuTh.....8:00am- 9:15am (TYD 0117)		Goldman, R
0201	TuTh.....9:30am-10:45am (TYD 0117)		Ostas, D
0301	TuTh.....2:00pm- 3:15pm (TYD 0117)		Ostas, D
0401	MW.....3:30pm- 4:45pm (TYD 0117)		Leete, B

BMGT381 Business Law II; Grade Method: REG. Prerequisite: BMGT 380 or permission of department. This course is restricted to BMGT majors with 68 semester hours completed. All others must have authorization form. 3 credits
0101 MW.....12:30pm- 1:45pm (TYD 0117) Stockdale, D

BMGT385 Production Management; Grade Method: REG. This course is restricted to BMGT majors and major code 0838A with 53 semester hours completed. All others must have authorization form. 3 credits

0101	MW.....2:00pm- 3:15pm (TYD 2108)			Assad, A
	F.....9:00am- 9:50am (JRN 1104)	DIS		
0201	TuTh.....3:30pm- 4:45pm (TYD 2106)			Kaku, B
	F.....3:00pm- 3:50pm (TYD 2102)	DIS		

BMGT386 (PermReq) Field Work; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

BMGT387 (PermReq) Field Work Analysis; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

BMGT392 Introduction to International Business Management; Grade Method: REG. Prerequisite: ECON 203; or ECON 205. Open to business majors with 60 credit hours completed. All others must have an authorization form. 3 credits
0101 TuTh.....12:30pm- 1:45pm (TYD 0117) Scherago, C

BMGT398 (PermReq) Individual Study in Business and Management; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

BMGT402 Database and Data Communication Systems; Grade Method: REG. Prerequisite: BMGT 301. This course is restricted to BMGT majors with 75 semester hours. All others must have authorization form. 3 credits
0101 TuTh.....11:00am-12:15pm (HZF 1108) Wilkey, J

BMGT403 Systems Analysis; Grade Method: REG. Prerequisite: BMGT 301. Restricted to BMGT majors with 85 semester hours completed. 3 credits
0101 TuTh.....9:30am-10:45am (TYD 2111) Wilkey, J

BMGT407 (PermReq) Info Systems Projects; Grade Method: REG. 12 hours of info systems. For decision and information sciences majors only. Senior standing. Restricted to BMGT majors with 72 semester hours completed. All others must have authorization form. 3 credits
0101 Th.....1:00pm- 3:40pm (COL 0102) Raschid, L

BMGT417 Advanced Tax Accounting; Grade Method: REG. Prerequisites: BMGT 311; and BMGT 323. This course is restricted to accounting majors with 84 semester hours completed. All others must have authorization form. 3 credits

0101	TuTh.....12:30pm- 1:45pm (TYD 0101)		Pantalone Jr.,
0201	TuTh.....2:00pm- 3:15pm (TYD 2109)		Pantalone Jr.,

BMGT420 Undergraduate Accounting Seminar; Grade Method: REG. Prerequisite: senior standing as an accounting major or permission of department. 3 credits
0101 MW.....3:30pm- 4:45pm (TYD 2110) Loeb, S

BMGT422 Auditing Theory and Practice; Grade Method: REG. Prerequisite: BMGT 311. This is a restricted course for accounting majors. All other majors must have authorization form. Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam. 3 credits

0101	TuTh.....2:00pm- 3:15pm (ARM 0117)		Coate, C
0201	TuTh.....3:30pm- 4:45pm (TYD 0111)		Coate, C
0301	Tu.....7:00pm- 9:40pm (TYD 1140)		Voss, J
0401	M.....7:00pm- 9:40pm (ASY 3215)		Layton, J

BMGT424 Advanced Accounting; Grade Method: REG. Prerequisite: BMGT 311. This is a restricted course for accounting majors. All other majors must have authorization form. Where a BMGT exam conflicts with another regularly scheduled class, the student will be provided a makeup exam. 3 credits

0101	TuTh.....9:30am-10:45am (ARC 1105)		Rymer, V
0201	TuTh.....11:00am-12:15pm (ARC 1105)		Rymer, V

BMGT430 Linear Statistical Models in Business; Grade Method: REG. Prerequisite: BMGT 230 or BMGT 231 or permission of department. This course is restricted to BMGT majors with 84 semester hours completed. All others must have authorization form. 3 credits

0101	TuTh.....2:00pm- 3:15pm (TYD 1140)		Kotz, S
0201	TuTh.....3:30pm- 4:45pm (TYD 1140)		Abdul-Wahab, F

BMGT431 Design of Statistical Experiments in Business; Grade Method: REG. Prerequisite: BMGT 230 or BMGT 231. This course is restricted to BMGT majors with 72 semester hours completed. All others must have authorization form. 3 credits
0101 TuTh.....5:30pm- 6:45pm (TYD 1140) Abdul-Wahab, F

BMGT434 Introduction to Optimization Theory; Grade Method: REG. Prerequisite: MATH 220; or permission of department. This course is restricted to BMGT majors with 72 semester hours. All others must have authorization form. 3 credits

0101	MW.....12:30pm- 1:45pm (TYD 2108)		Bodin, L
	M.....2:00pm- 2:50pm (TYD 0101)	DIS	

BMGT435 Introduction to Applied Probability Models; Grade Method: REG. Prerequisite: BMGT 231 or permission of department. This course is restricted to BMGT majors with 72 semester hours. All others must have authorization form. 3 credits

0101	MW.....3:30pm- 4:45pm (TYD 0101)		Bodin, L
	W.....2:00pm- 2:50pm (TYD 0101)	DIS	

BMGT440 Financial Management; Grade Method: REG. Prerequisite: BMGT 340. This course is restricted to BMGT majors with 84 semester hours. All others must have authorization form. 3 credits

0101	MW.....2:00pm- 3:15pm (TYD 1108)		Soubra, B
0201	MW.....3:30pm- 4:45pm (TYD 1108)		Soubra, B
0301	TuTh.....2:00pm- 3:15pm (TYD 0111)		Byun, J
0401	Tu.....7:00pm- 9:40pm (TYD 0111)		Emberait, J

BMGT443 Security Analysis and Valuation; Grade Method: REG. Prerequisite: BMGT 343. This course is restricted to BMGT majors with 84 semester hours completed. All others must have authorization form. 3 credits

0101	MW.....2:00pm- 3:15pm (TYD 2109)		Haslem, J
0201	MW.....3:30pm- 4:45pm (TYD 2109)		Haslem, J

BMGT444 Futures Contracts and Options; Grade Method: REG. Prerequisite: BMGT 343. This course is restricted to finance majors with 84 semester hours completed. All others must have authorization form. 3 credits
0101 MW.....8:00am- 9:15am (TYD 1118) Chang, E

BMGT445 Commercial Bank Management; Grade Method: REG. Prerequisites: BMGT 340; and ECON 430. This course is restricted to finance majors with 84 hours completed. All others must have authorization form. 3 credits

0101	TuTh.....8:00am- 9:15am (TYD 0111)		Unal, H
0201	TuTh.....9:30am-10:45am (TYD 0111)		Unal, H

BMGT451 Consumer Analysis; Grade Method: REG. Prerequisite: BMGT 350. Recommended: PSYC 100; and PSYC 221. Not open to students who have completed CNEC 437. Credit will be granted for only one of the following: BMGT 451 or CNEC 437. This course is restricted to BMGT majors and students with major codes 0602A and 0602F with 68 hours completed. All others must have authorization form. 3 credits

0101	TuTh.....8:00am- 9:15am (TYD 0102)		Stephens, D
0201	TuTh.....11:00am-12:15pm (TYD 2108)		Durand, R
0301	MWF.....12:00pm-12:50pm (TYD 1122)		Hanson, C

BMGT452 Marketing Research Methods; Grade Method: REG. Prerequisites: BMGT 230; and BMGT 451. Formerly BMGT 450. This course restricted to marketing majors with 72 semester hours completed. All others must have authorization form. — 3 credits
0101 TuTh.....9:30am-10:45am (HJP 1228) Curlo, E
0201 TuTh.....11:00am-12:15pm (TYD 0117) Seshadri, S
0301 MW.....2:00pm- 3:15pm (TYD 1140) Ali, A
0401 MW.... ...3:30pm- 4:45pm (TYD 0111) Ali, A

BMGT453 Industrial Marketing; Grade Method: REG. Prerequisites: BMGT 350 plus one other marketing course. This course is restricted to BMGT majors with 72 semester hours completed. All others must have authorization form. — 3 credits
0101 M.....7:00pm- 9:40pm (TYD 2109) Everett, R

BMGT454 International Marketing; Grade Method: REG. Prerequisites: BMGT 350 plus one other marketing course. This course is restricted to BMGT majors with 72 semester hours completed. — 3 credits
0101 TuTh.....9:30am-10:45am (TYD 0102) Greer, T
0201 TuTh.....11:00am-12:15pm (TYD 0102) Greer, T

BMGT455 Sales Management; Grade Method: REG. Prerequisite: BMGT 350. This course is restricted to marketing majors and major code 0803C with 72 semester hours completed. All others must have authorization form. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (TYD 0102) Jolson, M
0201 TuTh.....2:00pm- 3:15pm (TYD 2108) Jolson, M

BMGT456 Advertising; Grade Method: REG. Prerequisite: BMGT 350. This course is restricted to BMGT majors and students with major codes 1303A, 1303B, 1303C, 0602A, and 0602F with 60 semester hours completed. All others must have authorization form. — 3 credits
0101 MWF.....11:00am-11:50am (TYD 2108) Poist, M
0201 MWF.....12:00pm-12:50pm (TYD 2109) Poist, M

BMGT457 Marketing Policies and Strategies; Grade Method: REG. Prerequisite: BMGT 452. This course is restricted to marketing majors with 100 semester hours completed. All others must have authorization form. — 3 credits
0101 MWF.....10:00am-10:50am (TYD 2108) Poist, M
0201 MW.....9:30am-10:45am (TYD 0111) Lefkoff, R
0301 MW.....11:00am-12:15pm (TYD 0111) Lefkoff, R

BMGT460 Personnel Management: Analysis and Problems; Grade Method: REG. Prerequisite: BMGT 360. Recommended: BMGT 230. This course is restricted to BMGT majors with 72 semester hours completed. All others must have authorization form. — 3 credits
0101 MW.....5:00pm- 6:15pm (TYD 2102) Dipietro, C

BMGT461 Entrepreneurship; Grade Method: REG. This course is restricted to BMGT majors with 72 semester hours completed. All others must have authorization form. — 3 credits
0101 Tu.....3:30pm- 6:10pm (TYD 1118) Kinlein, B

BMGT462 Labor Legislation; Grade Method: REG. This course is restricted to BMGT majors with 72 credit hours completed. All others must have authorization form. — 3 credits
0101 TuTh.....11:00am-12:15pm (HZF 1101) Levine, M

BMGT464 Organizational Behavior; Grade Method: REG. Prerequisite: BMGT 364. This course is restricted to BMGT majors with 72 hours completed. All others must have authorization form. — 3 credits
0101 TuTh.....3:30pm- 4:45pm (TYD 0102) Chah, D

BMGT470 Carrier Management; Grade Method: REG. Prerequisites: BMGT 370; and BMGT 372. Prerequisite: BMGT 370. This course is open to all students with 72 semester hours completed. — 3 credits
0101 TuTh.....8:30am-10:45am (TYD 1128) Taff, C

BMGT473 Advanced Transportation Problems; Grade Method: REG. Prerequisite: BMGT 370. This course is open to all students with 72 semester hours completed. — 3 credits
0101 MW.....9:30am-10:45am (TYD 2102) Corsi, T

BMGT476 Applied Computer Models in Transportation and Logistics; Grade Method: REG. Prerequisites: BMGT 370; and BMGT 372. Open to transportation majors. All others must have authorization form. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (TYD 2140) Dresner, M

BMGT477 International Transportation and Logistics; Grade Method: REG. Prerequisites: BMGT 370; and BMGT 372. This course restricted to BMGT majors only. All others must have authorization form. — 3 credits
0101 W.....3:30pm- 6:10pm (TYD 0102) Gardner, L

BMGT480L (PermReq) Legal Environment of Business; Grade Method: REG/P-F/AUD. Junior standing. By permission of the Arts and Humanities only. — 3 credits
0101 Tu.....6:30pm- 9:00pm (TYD 1118) Plotkin, R

BMGT482 Business and Government; Grade Method: REG. Prerequisite: ECON 203; or ECON 205. This is a restricted course. Non-BMGT majors must have authorization form. — 3 credits
0101 TuTh.....3:30pm- 4:45pm (TYD 0117) McLaughlin, F

BMGT495 Business Policies; Grade Method: REG. Prerequisites: BMGT 340; and BMGT 350; and BMGT 364. Open only to graduating seniors in Business and Management. This is a restricted course for BMGT majors with 100 hours completed. All others must have authorization form. — 3 credits
0101 MWF.....9:00am- 9:50am (TYD 1108) Renard, M
0201 MWF.....10:00am-10:50am (TYD 1108) Renard, M
0301 MWF.....11:00am-11:50am (TYD 1108) Ostrow, M
0401 MWF.....12:00pm-12:50pm (TYD 1108) Ostrow, M
0501 MWF.....1:00pm- 1:50pm (TYD 1108) Lee, H
0601 TuTh.....9:30am-10:45am (TYD 1108) Wally, S
0701 TuTh.....11:00am-12:15pm (TYD 1108) Wally, S
0801 TuTh.....12:30pm- 1:45pm (TYD 1108) Moon, C
0901 TuTh.....3:30pm- 4:45pm (TYD 1108) Moon, C

BMGT495A Business Policies; Grade Method: REG. Prerequisites: BMGT 340; and BMGT 350; and BMGT 364. This is a restricted course for BMGT majors with 90 hours completed. All others must have authorization form. BMGT 495A is designed to provide the study of policy decision making in a small business environment. The course involves case studies of actual management problems provided by the Small Business Administration. Members of the class, in teams, investigate and recommend solutions for real world problems to the owner/manager of the firm. — 3 credits
0101 Tu.....4:00pm- 6:40pm (TYD 0101) Schomburg, A

BMGT498L (PermReq) Special Topics in Business and Management: Accounting, Budgeting, and Planning; Grade Method: REG. By permission of the Arts and Humanities Dean's office only. — 3 credits
0101 TuTh.....11:00am-12:15pm (HZF 1106) Fettus, S

BMGT498X Special Topics in Business and Management: — 3 credits
(PermReq) Analytical Problem Solving; Grade Method: REG. By permission of the Arts and Humanities Dean's office only.
0101 Th.....2:00pm- 4:45pm (JMZ 2123) Napolitano, C

BMGT610 (PermReq) Financial Accounting; Grade Method: REG/AUD. Restricted to graduate business majors only. — 3 credits
0101 TuTh.....9:30am-10:45am (TYD 2102) Jang, J
0201 TuTh.....11:00am-12:15pm (TYD 2102) Jang, J
0301 M.....7:00pm- 9:40pm (TYD 0111) Thompson, R
0401 Tu.....7:00pm- 9:40pm (TYD 2108) Thompson, R
0501 W.....7:00pm- 9:40pm (TYD 0111) Fischetti, M
0601 W.....7:00pm- 9:40pm (TYD 2111) STAFF

BMGT620 (PermReq) Management Information Systems; Grade Method: REG/AUD. Restricted to grad business majors. — 3 credits
0101 MW.....11:00am-12:15pm (TYD 1118) Alavi, M
0201 MW.....12:30pm- 1:45pm (TYD 1118) Alavi, M
0301 Th.....7:00pm- 9:40pm (TYD 2102) STAFF

BMGT630 (PermReq) Managerial Statistics I; Grade Method: REG/AUD. Restricted to grad business majors. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (TYD 1118) Alt, F
0201 TuTh.....2:00pm- 3:15pm (TYD 2102) Alt, F
0301 TuTh.....3:30pm- 4:45pm (TYD 2102) Grimshaw, S

BMGT631 (PermReq) Operations Research and Management; Grade Method: REG/AUD. Prerequisite: BMGT 630. Restricted to grad business majors. — 3 credits
0101 M.....7:00pm- 9:40pm (TYD 2108) Gass, S
0201 W.....7:00pm- 9:40pm (TYD 1108) Ball, M
0301 Th.....7:00pm- 9:40pm (TYD 2108) Kaku, B

BMGT640 (PermReq) Financial Management; Grade Method: REG/AUD. Prerequisites: BMGT 610; and BMGT 630. Restricted to grad business majors. — 3 credits
0101 M.....7:00pm- 9:40pm (TYD 1118) Bradford, W
0201 W.....7:00pm- 9:40pm (TYD 1118) Bradford, W
0301 Th.....7:00pm- 9:40pm (TYD 1118) Grimshaw, A

BMGT650 (PermReq) Marketing Management; Grade Method: REG/AUD. Restricted to grad business majors. — 3 credits
0101 MW.....2:00pm- 3:15pm (TYD 0111) Sengupta, S
0201 MW.....3:30pm- 4:45pm (TYD 2111) Sengupta, S
0301 TuTh.....11:00am-12:15pm (TYD 2140) Biehal, G

BMGT660 (PermReq) Management and Organizational Behavior; Grade Method: REG/AUD. Restricted to grad business majors. — 3 credits
0101 M.....7:00pm- 9:45pm (TYD 2111) Sims, H
0201 M.....7:00pm- 9:40pm (TYD 1114) Taylor, M
0301 Tu.....7:00pm- 9:40pm (TYD 0117) Taylor, M
0401 W.....7:00pm- 9:40pm (TYD 2102) Gannon, M

BMGT661 (PermReq) Human Resources Management; Grade Method: REG/AUD. Restricted to grad business majors. — 3 credits
0101 TuTh.....3:30pm- 4:45pm (TYD 2108) Stevens, C

BMGT670 (PermReq) Economic Environment; Grade Method: REG/AUD. Restricted to grad business majors. — 3 credits
0101 MW.....9:30am-10:45am (TYD 1118) Windle, R
0201 MW.....12:30pm- 1:45pm (TYD 2102) Windle, R
0301 TuTh.....9:30am-10:45am (TYD 1118) Milor, E

BMGT672 (PermReq) Physical Distribution Management; Grade Method: REG/AUD. Restricted to grad business majors. — 3 credits
0101 TuTh.....11:00am-12:15pm (TYD 1118) Poist, R

BMGT680 (PermReq) Business and Public Policy; Grade Method: REG/AUD. Prerequisite: BMGT 670. Restricted to grad business majors. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (TYD 2102) Scott, R
0201 MW.....2:00pm- 3:15pm (TYD 1118) Stockdale, D
0301 TuTh.....2:00pm- 3:15pm (JRN 1105) Scott, R

BMGT690 (PermReq) Strategic Management; Grade Method: REG/AUD. Prerequisites: permission of department; and completion of all other MBA core courses before registering for this course. Restricted to grad business majors. — 3 credits
0101 Th.....7:00pm- 9:40pm (TYD 0117) Smith, K

BMGT710 (PermReq) Advanced Accounting Theory; Grade Method: REG/AUD. Prerequisite: BMGT 610. Restricted to grad business majors. — 3 credits
0101 Tu.....7:00pm- 9:40pm (TYD 2102) Lynch, J

BMGT711 (PermReq) Advanced Managerial Accounting; Grade Method: REG/AUD. Prerequisites: permission of department; and completion of all first year MBA courses before registering for this course. Restricted to grad business majors. — 3 credits
0101 M.....7:00pm- 9:40pm (TYD 2102) Gordon, L

BMGT713 (PermReq) The Impact of Taxation On Business Decisions; Grade Method: REG/AUD. Prerequisite: BMGT 611. Restricted to grad business majors. — 3 credits
0101 W.....7:00pm- 9:40pm (TYD 2109) Pantalone Jr.,

BMGT721 (PermReq) File Processing and Database Systems; Grade Method: REG/AUD. Prerequisite: permission of department. Restricted to grad business majors. — 3 credits
0101 Tu.....7:00pm- 9:40pm (JMZ 0118) Yao, S

BMGT724 (PermReq) Economics of Information Systems; Grade Method: REG/AUD. Prerequisite: BMGT 620; or BMGT 721. Restricted to grad business majors. — 3 credits
0101 Th.....7:00pm- 9:40pm (TYD 1140) Hines, V

BMGT725 (PermReq) Information Systems Analysis and Design; Grade Method: REG/AUD. Prerequisite: BMGT 620; or BMGT 721. — 3 credits
0101 M.....7:00pm- 9:40pm (TYD 1108) Hevner, A

BMGT735 (PermReq) Application of Management Science; Grade Method: REG/AUD. Prerequisite: BMGT 631. Restricted to grad business majors. — 3 credits
0101 W.....4:15pm- 6:55pm (TYD 1128) Golden, B

BMGT741 (PermReq) Advanced Financial Management; Grade Method: REG/AUD. Prerequisite: BMGT 640. — 3 credits
0101 MW.....2:00pm- 3:15pm (TYD 2102) Senbet, L

BMGT742 (PermReq) Financial Planning and Strategy; Grade Method: REG/AUD. Prerequisite: BMGT 640. Restricted to grad business majors. — 3 credits
0101 MW.....3:30pm- 4:45pm (TYD 1118) Kolodny, R
0201 M.....7:00pm- 9:40pm (TYD 2106) Kolodny, R

BMGT743 (PermReq) Investment Management; Grade Method: REG/AUD. Prerequisite: BMGT 640. Restricted to grad business majors. — 3 credits
0101 Th.....7:00pm- 9:40pm (TYD 0102) Eun, C

BMGT744 (PermReq) Futures Contracts and Options Management; Grade Method: REG/AUD. Prerequisites: BMGT 640. Restricted to grad business majors. — 3 credits
0101 W.....7:00pm- 9:40pm (TYD 2108) Chang, E

BMGT746 (PermReq) International Financial Management; Grade Method: REG/AUD. Prerequisite: BMGT 640. Restricted to grad business majors. — 3 credits
0101 TuTh.....3:30pm- 4:45pm (TYD 2140) Eun, C

BMGT754 (PermReq) Buyer Behavior Analysis; Grade Method: REG/AUD. Prerequisite: BMGT 650. Restricted to grad business majors. — 3 credits
0101 M.....7:00pm- 9:40pm (TYD 0117) Stephens, D

BMGT761 (PermReq) Problems and Applications in Personnel Administration; Grade Method: REG/AUD. Prerequisite: BMGT 661. Restricted to grad business majors. — 3 credits
0101 Tu.....7:00pm- 9:40pm (TYD 2108) Stevens, C

BMGT763 (PermReq) Administration of Labor Relations; Grade Method: REG/AUD. Restricted to grad business majors. — 3 credits
0101 W.....3:30pm- 6:10pm (TYD 1132) Levine, M

BMGT765 (PermReq) Application of Behaviorial Science to Business; Grade Method: REG/AUD. Prerequisite: BMGT 660. — 3 credits
0101 MW.....3:30pm- 4:45pm (TYD 1114) Gannon, M

BMGT770 (PermReq) Transportation Theory and Analysis; Grade Method: REG/AUD. Prerequisite: BMGT 672. Restricted to grad business majors. — 3 credits
0101 W.....7:00pm- 9:40pm (TYD 1136) Grimm, C

BMGT791 (PermReq) MBA Field Project; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of department. Students may register only with written permission of course coordinator. — 3 credits

BMGT795 (PermReq) Management of the Multinational Firm; Grade Method: REG/AUD. Restricted to grad business majors. — 3 credits
0101 Th.....6:30pm- 9:10pm (TYD 2140) Scherage, C

BMGT798A (PermReq) Special Topics in Business and Management: Topics in Manufacturing; Grade Method: REG/AUD. Restricted to grad business majors. — 3 credits
0101 W.....7:00pm- 9:40pm (TYD 1128) Fu, M

BMGT798B (PermReq) Special Topics in Business and Management: Telecommunications; Grade Method: REG/AUD. Restricted to grad business majors. — 3 credits
0101 M.....7:00pm- 9:40pm (TYD 1140) Pearce, D

BMGT798C (PermReq) Special Topics in Business and Management: Strategic Marketing Planning; Grade Method: REG/AUD. Restricted to grad business majors. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (TYD 1118) Biehal, G

BMGT798D (PermReq) Special Topics in Business and Management: Management Accounting : In Action with Emphasis on Real World Applications; Grade Method: REG/AUD. — 3 credits
0101 MW.....3:30pm- 4:45pm (TYD 2102) Gordon, L

BMGT798F (PermReq) Special Topics in Business and Management: Applied Probability Models in Operations Research; Grade Method: REG/AUD. — 3 credits
0101 M.....4:00pm- 6:40pm (TYD 1128) Fu, M

BMGT798I (PermReq) Special Topics in Business and Management: Applied Statistical Analysis; Grade Method: REG/AUD. — 3 credits
0101 TuTh.....5:00pm- 6:15pm (TYD 2108) Grimshaw, S

BMGT798J (PermReq) Special Topics in Business and Management: New Venture Financing; Grade Method: REG/AUD. Restricted to grad business majors. — 3 credits
0101 Th.....3:30pm- 6:10pm (TYD 2100) STAFF

BMGT799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Restricted to grad business majors. — 1-6 credits

BMGT808A (PermReq) Doctoral Seminar: Industrial Organization Applications to Management; Grade Method: REG/AUD. — 3 credits
0101 Th.....2:00pm- 4:40pm (JMZ 0103) Grimm, C

BMGT808R Doctoral Seminar: Strategic Management; Grade Method: REG/AUD. — 3 credits
0101 M.....2:00pm- 4:40pm (TYD 2140) Smith, K

BMGT825 (PermReq) Knowledge-Based Systems; Grade Method: REG/AUD. Prerequisite: BMGT 721. For BMGT majors only. — 3 credits
0101 Th.....1:00pm- 3:40pm (COL 0102) Raschid, L

BMGT828 (PermReq) Independent Study in Business and Management; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. MBA students may register only with written permission of Mary Anne Weikart, Masters Program Director. Ph.D. students may register only with written permission of Dr. Alt, Director of Graduate Studies. Restricted to grad business majors. — 1-8 credits

BMGT830 (PermReq) Operations Research: Linear Programming; Grade Method: REG/AUD. Prerequisites: MATH 240 or equivalent; or permission of department. — 3 credits
0101 M.....4:00pm- 6:40pm (TYD 0102) Gass, S

BMGT840 (PermReq) Seminar in Financial Theory; Grade Method: REG/AUD. Prerequisite: permission of department. — 3 credits
0101 W.....9:30am-12:10pm (TYD 1136) Madan, D

BMGT851 (PermReq) Quantitative Methods in Marketing: Demand and Cost Analysis; Grade Method: REG/AUD. — 3 credits
0101 Tu.....7:00pm- 9:40pm (TYD 2110) Seshadri, S

BMGT862 (PermReq) Seminar in Compensation Administration; Grade Method: REG/AUD. Prerequisite: BMGT 760 or permission of department. Taught by Kathryn Bartol, Distinguished Scholar Teacher. — 3 credits
0101 M.....7:00pm- 9:40pm (TYD 2100) Bartol, K

BMGT863 (PermReq) Seminar: The Organization and the Individual; Grade Method: REG/AUD. Prerequisite: BMGT 764 or equivalent; or permission of department. — 3 credits
0101 Th.....3:30pm- 6:10pm (TYD 2111) Locke, E

BMGT882 (PermReq) Applied Multivariate Analysis I; Grade Method: REG/AUD. Prerequisite: BMGT 733 or equivalent. — 3 credits
0101 Tu.....3:30pm- 6:15pm (TYD 1128) Kotz, S

BMGT899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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BOTN Botany (Life Sciences)

BOTN100 General Botany For Non-Science Students; Grade Method: REG/P-F/AUD. CORE Distributive Studies Life Science Laboratory Course. USP Distributive Studies Area B Course. This course will not count toward graduation requirements for any student in the College of Life Science or the College of Agriculture.. Credit will be granted for only one of the following: BOTN 100, BOTN 101 or BOTN 105. — 4 credits
1001 TuTh.....11:00am-11:50am (HJP 0226) Patterson, G
MF.....8:00am-10:00am (HJP 1105) LAB Patterson, G
1002 TuTh.....11:00am-11:50am (HJP 0226)
MF.....10:00am-12:00pm (HJP 1105) LAB Patterson, G
1003 TuTh.....11:00am-11:50am (HJP 0226)
MF.....12:00pm- 2:00pm (HJP 1105) LAB Patterson, G
1004 TuTh.....11:00am-11:50am (HJP 0226)
MW.....2:00pm- 4:00pm (HJP 1105) LAB Patterson, G
1005 TuTh.....11:00am-11:50am (HJP 0226)
MW.....4:00pm- 6:00pm (HJP 1105) LAB Patterson, G
1006 TuTh.....11:00am-11:50am (HJP 0226)
TuTh.....8:00am-10:00am (HJP 1105) LAB Patterson, G
1007 TuTh.....11:00am-11:50am (HJP 0226)
TuTh.....12:00pm- 2:00pm (HJP 1105) LAB Patterson, G
1008 TuTh.....11:00am-11:50am (HJP 0226)
MW.....2:00pm- 4:00pm (HJP 1125) LAB Patterson, G
1009 TuTh.....11:00am-11:50am (HJP 0226)
MW.....4:00pm- 6:00pm (HJP 1105) LAB Patterson, G
1010 TuTh.....11:00am-11:50am (HJP 0226)
MW.....4:00pm- 6:00pm (HJP 3104) LAB Lockard, J
2001 TuTh.....10:00am-10:50am (HJP 0226)
MF.....8:00am-10:00am (HJP 3127) LAB Lockard, J
2002 TuTh.....10:00am-10:50am (HJP 0226)
MF.....10:00am-12:00pm (HJP 3127) LAB Lockard, J
2003 TuTh.....10:00am-10:50am (HJP 0226)
MF.....12:00pm- 2:00pm (HJP 3127) LAB Lockard, J
2004 TuTh.....10:00am-10:50am (HJP 0226)
MW.....2:00pm- 4:00pm (HJP 3127) LAB Lockard, J
2005 TuTh.....10:00am-10:50am (HJP 0226)
MW.....4:00pm- 6:00pm (HJP 3127) LAB Lockard, J
2006 TuTh.....10:00am-10:50am (HJP 0226)
TuTh.....8:00am-10:00am (HJP 3127) LAB Lockard, J
2007 TuTh.....10:00am-10:50am (HJP 0226)
TuTh.....12:00pm- 2:00pm (HJP 3127) LAB Lockard, J
2008 TuTh.....10:00am-10:50am (HJP 0226)
TuTh.....2:00pm- 4:00pm (HJP 1105) LAB Lockard, J
2009 TuTh.....10:00am-10:50am (HJP 0226)
TuTh.....4:00pm- 6:00pm (HJP 3127) LAB Lockard, J
2010 TuTh.....10:00am-10:50am (HJP 0226)
MF.....10:00am-12:00pm (HJP 1125) LAB Barnett, N
3001 MW.....9:00am- 9:50am (HJP 0226)
MF.....10:00am-12:00pm (HJP 3104) LAB Barnett, N
3002 MW.....9:00am- 9:50am (HJP 0226)
MF.....12:00pm- 2:00pm (HJP 1125) LAB Barnett, N
3003 MW.....9:00am- 9:50am (HJP 0226)
MW.....2:00pm- 4:00pm (HJP 3104) LAB Barnett, N
3004 MW.....9:00am- 9:50am (HJP 0226)
MF.....12:00pm- 2:00pm (HJP 3104) LAB Barnett, N
3005 MW.....9:00am- 9:50am (HJP 0226)
TuTh.....10:00am-12:00pm (HJP 3104) LAB Barnett, N
3006 MW.....9:00am- 9:50am (HJP 0226)
TuTh.....10:00am-12:00pm (HJP 1105) LAB Barnett, N
3007 MW.....9:00am- 9:50am (HJP 0226)
TuTh.....12:00pm- 2:00pm (HJP 3104) LAB Barnett, N
3008 MW.....9:00am- 9:50am (HJP 0226)
TuTh.....2:00pm- 4:00pm (HJP 3104) LAB Barnett, N
3009 MW.....9:00am- 9:50am (HJP 0226)
TuTh.....4:00pm- 6:00pm (HJP 3104) LAB Barnett, N
3010 MW.....9:00am- 9:50am (HJP 0226)
TuTh.....8:00am-10:00am (HJP 3104) LAB

BOTN211 Ecology and Mankind; Grade Method: REG/P-F/AUD. CORE Distributive Studies Life Science Course. USP Distributive Studies Area B Course. — 3 credits
0101 MWF.....11:00am-11:50am (HJP 2242) Koines, P

BOTN221 Introductory Plant Pathology; Grade Method: REG/P-F/AUD. Prerequisite: BIOL 105 or permission of department. — 4 credits
0101 TuTh.....9:00am- 9:50am (HJP 2242) Straney, D
TuTh.....10:00am-12:00pm (HJP 2230) LAB
0102 TuTh.....9:00am- 9:50am (HJP 2242) Straney, D
TuTh.....12:00pm- 2:00pm (HJP 2230) LAB

BOTN379 (PermReq) Honors Research Problems in Botany; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

BOTN398 Seminar; Grade Method: REG/P-F/AUD. — 1 credit
0101 W.....11:00am-11:50am (HJP 1216) Barnett, N

BOTN399 (PermReq) Research Problems in Botany; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

BOTN407 Teaching Methods in Botany; Grade Method: REG/P-F/AUD. Prerequisite: BIOL 105 or permission of department. — 2 credits
0101 M.....4:00pm- 6:00pm (HJP 1229) . Berg, L

BOTN420 Plant Cell Biology; Grade Method: REG. Prerequisite: organic chemistry and two years of botany. — 3 credits
0101 TuTh.....11:00am-12:15pm (HJP 1229) Wolniak, S

BOTN421 Principles of Plant Disease Management; Grade Method: REG/AUD. Prerequisite: BOTN 221 or equivalent. — 3 credits
0101 WF.....9:00am- 9:50am (HJP 1229) Steiner, P
W.....1:00pm- 2:50pm (HJP 1216) LAB

BOTN441 Plant Physiology; Grade Method: REG/P-F/AUD. Prerequisites: BIOL 105; and CHEM 113. Recommended: Organic chemistry. — 4 credits
0101 TuTh.....10:00am-10:50am (HJP 2242) Racusen, R
M.....9:00am- 1:00pm (HJP 2226) LAB
0102 TuTh.....10:00am-10:50am (HJP 2242) Racusen, R
M.....1:00pm- 5:00pm (HJP 2226) LAB
0103 TuTh.....10:00am-10:50am (HJP 2242) Racusen, R
M.....6:00pm-10:00pm (HJP 2226) LAB
0104 TuTh.....10:00am-10:50am (HJP 2242) Racusen, R
Tu.....1:00pm- 5:00pm (HJP 2226) LAB
0105 TuTh.....10:00am-10:50am (HJP 2242) Racusen, R
Tu.....6:00pm-10:00pm (HJP 2226) LAB

BOTN476 Biology of Phytoplankton; Grade Method: REG/AUD. Prerequisites: BIOL 105 and an introductory course in ecology (ZOOL 212 or equivalent). — 4 credits
0101 MW.....11:00am-11:50am (HJP 1229) Van Valkenburg,
W.....1:00pm- 5:00pm (HJP 2230) LAB

BOTN484 Plant Biochemistry; Grade Method: REG/P-F/AUD. Prerequisite: BOTN 441; and CHEM 233. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (HJP 1229) Sze, H

BOTN686 Molecular Genetics of Plants; Grade Method: REG/AUD. Prerequisite: [BOTN 414; and BOTN 441; and BOTN 484] or equivalent. — 2 credits
0101 MW.....10:00am-10:50am (HJP 1229) Watson, J

BOTN698B Seminar in Botany: Pathology; Grade Method: REG/AUD. — 1 credit
0101 W.....4:00pm- 4:50pm (HJP 1229) Bean, G

BOTN698C Seminar in Botany: Physiology; Grade Method: REG/AUD. — 1 credit
0101 Tu.....12:00pm-12:50pm (HJP 1216) Rumpho-Kennedy,

BOTN698D Seminar in Botany: Ecology; Grade Method: REG/AUD. — 1 credit
0101 Th.....4:00pm- 4:50pm (HJP 1229) Fenster, C

BOTN698E Seminar in Botany: Mycology; Grade Method: REG/AUD. — 1 credit
0101 Time and room to be arranged — Motta, J

BOTN698J Seminar in Botany: Genetics; Grade Method: REG/AUD. — 1 credit
0101 Time and room to be arranged — Bottino, P

BOTN698K Seminar in Botany: Plant Development; Grade Method: REG/AUD. — 1 credit
0101 Th.....1:00pm- 1:50pm (HJP 1216) — Racusen, R

BOTN699A (PermReq) Special Problems in Botany: Cell Biology; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

BOTN699B (PermReq) Special Problems in Botany: Pathology; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

BOTN699C (PermReq) Special Problems in Botany: Physiology; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

BOTN699D (PermReq) Special Problems in Botany: Ecology; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

BOTN699E (PermReq) Special Problems in Botany: Mycology; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

BOTN699F (PermReq) Special Problems in Botany: Morphology; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

BOTN699G (PermReq) Special Problems in Botany: Phycology; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

BOTN699J (PermReq) Special Problems in Botany: Genetics; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

BOTN699K (PermReq) Special Problems in Botany: Molecular Biology; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

BOTN699N (PermReq) Special Problems in Botany: Plant Systematics; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

BOTN721 (PermReq) Clinical and Field Plant Pathology; Grade Method: REG/AUD. — 1-2 credits
0101 Time and room to be arranged — Krusberg, L

BOTN799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

BOTN899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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BSOS Behavioral and Social Sciences (Behavior & Social Sci)

BSOS386 Field Work; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

BSOS387 Field Work Analysis; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

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CHEM Chemistry (Life Sciences)

CHEM001 Introduction to College Chemistry; Grade Method: REG/P-F/AUD. This course is recommended for students who do not qualify for MATH 110 or higher and who must take CHEM 103. Special fee. This course does not carry credit towards any degree at the University. The notation 2 credits is used only for billing and full-time or part-time status. If dropping course, see Withdrawal and Refund of Fees - Special Refund Deadlines in the Financial Information section of the Schedule of Classes. — 2 credits

1105 MW.....4:00pm- 4:50pm (CHM 1402) — Walters, B
1107 MW.....4:00pm- 4:50pm (CHM 1402) — Walters, B
Th.....2:00pm- 2:50pm (CHE 2140) DIS

CHEM102 Chemistry of Man's Environment; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Laboratory Course. USP Distributive Studies Area B Course. Credit will be granted for only one of the following: CHEM 102, or CHEM 103, or CHEM 105,or CHEM 107, or CHEM 111, or CHEM 121. Laboratory sessions will begin after the first lecture. — 4 credits

2114 MWF.....11:00am-11:50am (EGR 1202) — Ondov, J
M.....12:00pm- 2:50pm (CHM 1212) LAB
2121 MWF.....11:00am-11:50am (EGR 1202) — Ondov, J
Tu.....8:00am-10:50am (CHM 1212) LAB
2124 MWF.....11:00am-11:50am (EGR 1202) — Ondov, J
Tu.....12:00pm- 2:50pm (CHM 1212) LAB
2134 MWF.....11:00am-11:50am (EGR 1202) — Ondov, J
W.....12:00pm- 2:50pm (CHM 1212) LAB
2137 MWF.....11:00am-11:50am (EGR 1202) — Ondov, J
W.....3:00pm- 5:50pm (CHM 1212) LAB
2144 MWF.....11:00am-11:50am (EGR 1202) — Ondov, J
Th.....12:00pm- 2:50pm (CHM 1212) LAB

CHEM103 General Chemistry I; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Laboratory Course. USP Distributive Studies Area B Course. Prerequisite: a satisfactory math SAT score or an adequate knowledge of high school chemistry or satisfactory performance in CHEM 001. Credit will be granted for only one of the following: CHEM 102, CHEM 103, CHEM 105, CHEM 107, CHEM 111. Laboratory sessions will begin after the first lecture. — 4 credits

3114 MWF.....8:00am- 8:50am (CHM 1407) — Stewart, J
M.....12:00pm- 2:50pm (CHM 1105) LAB
3115 MWF.....8:00am- 8:50am (CHM 1407) — Stewart, J
M.....12:00pm- 2:50pm (CHM 1106) LAB
Tu.....9:00am- 8:50am (CHM 0128) DIS
3124 MWF.....8:00am- 8:50am (CHM 1407) — Stewart, J
Tu.....12:00pm- 2:50pm (CHM 1105) LAB
Tu.....8:00am- 8:50am (EGR 3108) DIS
3125 MWF.....8:00am- 8:50am (CHM 1407) — Stewart, J
Tu.....12:00pm- 2:50pm (CHM 1112) LAB
Tu.....8:00am- 8:50am (EGR 0104) DIS
3127 MWF.....8:00am- 8:50am (CHM 1407) — Stewart, J
Tu.....3:00pm- 5:50pm (CHM 1105) LAB
Tu.....8:00am- 8:50am (CHE 2120) DIS
3128 MWF.....8:00am- 8:50am (CHM 1407) — Stewart, J
Tu.....3:00pm- 5:50pm (CHM 1106) LAB
Tu.....8:00am- 8:50am (EGR 1110) DIS
3134 MWF.....8:00am- 8:50am (CHM 1407) — Stewart, J
W.....12:00pm- 2:50pm (CHM 1105) LAB
Tu.....9:00am- 9:50am (EGR 0102) DIS
3135 MWF.....8:00am- 8:50am (CHM 1407) — Stewart, J
W.....12:00pm- 2:50pm (CHM 1106) LAB
Tu.....9:00am- 9:50am (CHE 2116) DIS
3141 MWF.....8:00am- 8:50am (CHM 1407) — Stewart, J
Th.....8:00am-10:50am (CHM 1111) LAB
Tu.....8:00am- 8:50am (EGR 2102) DIS
3144 MWF.....8:00am- 8:50am (CHM 1407) — Stewart, J
Th.....12:00pm- 2:50pm (CHM 1105) LAB
Tu.....9:00am- 9:50am (EGR 3108) DIS
3145 MWF.....8:00am- 8:50am (CHM 1407) — Stewart, J
Th.....12:00pm- 2:50pm (CHM 1112) LAB
Th.....9:00am- 9:50am (PHY 4220) DIS
3147 MWF.....8:00am- 8:50am (CHM 1407) — Stewart, J
Th.....3:00pm- 5:50pm (CHM 1105) LAB
Tu.....9:00am- 9:50am (CHE 2120) DIS
3148 MWF.....8:00am- 8:50am (CHM 1407) — Stewart, J
Th.....3:00pm- 5:50pm (CHM 1106) LAB
Tu.....9:00am- 9:50am (EGR 1124) DIS
3154 MWF.....8:00am- 8:50am (CHM 1407) — Stewart, J
F.....12:00pm- 2:50pm (CHM 1109) LAB
Tu.....9:00am- 9:50am (ZOP 1228) DIS
3214 MWF.....10:00am-10:50am (CHM 1407) — Miller, G
M.....12:00pm- 2:50pm (CHM 1119) LAB
Th.....8:00am- 8:50am (EGR 0102) DIS
3215 MWF.....10:00am-10:50am (CHM 1407) — Miller, G
M.....12:00pm- 2:50pm (CHM 1110) LAB
Th.....8:00am- 8:50am (CHM 0128) DIS
3216 MWF.....10:00am-10:50am (CHM 1407) — Miller, G
M.....12:00pm- 2:50pm (CHM 1112) LAB
Th.....8:00am- 8:50am (COL 3111) DIS
3217 MWF.....10:00am-10:50am (CHM 1407) — Miller, G
M.....3:00pm- 5:50pm (CHM 1105) LAB
Th.....8:00am- 8:50am (JMZ 2120) DIS
3224 MWF.....10:00am-10:50am (CHM 1407) — Miller, G
Tu.....12:00pm- 2:50pm (CHM 1106) LAB
Th.....8:00am- 8:50am (CHE 2120) DIS
3227 MWF.....10:00am-10:50am (CHM 1407) — Miller, G
Tu.....3:00pm- 5:50pm (CHM 1109) LAB
Th.....8:00am- 8:50am (EGR 2102) DIS
3234 MWF.....10:00am-10:50am (CHM 1407) — Miller, G
W.....12:00pm- 2:50pm (CHM 1109) LAB
Th.....9:00am- 9:50am (EGR 3108) DIS
3235 MWF.....10:00am-10:50am (CHM 1407) — Miller, G
W.....12:00pm- 2:50pm (CHM 1110) LAB
Th.....9:00am- 9:50am (CHE 2118) DIS
3236 MWF.....10:00am-10:50am (CHM 1407) — Miller, G
W.....12:00pm- 2:50pm (CHM 1112) LAB
Th.....9:00am- 9:50am (COL 3111) DIS
3237 MWF.....10:00am-10:50am (CHM 1407) — Miller, G
W.....3:00pm- 5:50pm (CHM 1105) LAB
Th.....9:00am- 9:50am (JMZ 2120) DIS
3244 MWF.....10:00am-10:50am (CHM 1407) — Miller, G
Th.....12:00pm- 2:50pm (CHM 1106) LAB
Th.....8:00am- 8:50am (CHE 2120) DIS
3247 MWF.....10:00am-10:50am (CHM 1407) — Miller, G
Th.....3:00pm- 5:50pm (CHM 1109) LAB
Th.....8:00am- 8:50am (CHE 2116) DIS
3254 MWF.....10:00am-10:50am (CHM 1407) — Miller, G
F.....12:00pm- 2:50pm (CHM 1119) LAB
Th.....8:00am- 8:50am (EGR 3108) DIS
3255 MWF.....10:00am-10:50am (CHM 1407) — Miller, G
F.....12:00pm- 2:50pm (CHM 1112) LAB
Th.....8:00am- 8:50am (COL 0100) DIS
3257 MWF.....10:00am-10:50am (CHM 1407) — Miller, G
F.....3:00pm- 5:50pm (CHM 1112) LAB
Th.....9:00am- 9:50am (COL 0100) DIS
3258 MWF.....10:00am-10:50am (CHM 1407) — Miller, G
F.....3:00pm- 5:50pm (CHM 1119) LAB
Th.....9:00am- 9:50am (ZOP 1232) DIS
3314 MWF.....11:00am-11:50am (CHM 1407) — STAFF
M.....12:00pm- 2:50pm (CHM 1111) LAB
Tu.....10:00am-10:50am (ARM 0105) DIS
3324 MWF.....11:00am-11:50am (CHM 1407) — STAFF
Tu.....12:00pm- 2:50pm (CHM 1109) LAB
Tu.....10:00am-10:50am (CHE 2120) DIS
3327 MWF.....11:00am-11:50am (CHM 1407) — STAFF
Tu.....3:00pm- 5:50pm (CHM 1110) LAB
Tu.....10:00am-10:50am (ARM 0120) DIS
3328 MWF.....11:00am-11:50am (CHM 1407) — STAFF
Tu.....3:00pm- 5:50pm (CHM 1111) LAB
Tu.....10:00am-10:50am (EGR 0102) DIS
3329 MWF.....11:00am-11:50am (CHM 1407) — STAFF
Tu.....3:00pm- 5:50pm (CHM 1112) LAB
Tu.....10:00am-10:50am (HBK 0115) DIS
3334 MWF.....11:00am-11:50am (CHM 1407) — STAFF
W.....12:00pm- 2:50pm (CHM 1111) LAB
Tu.....11:00am-11:50am (ARM 0105) DIS
3335 MWF.....11:00am-11:50am (CHM 1407) — STAFF
W.....12:00pm- 2:50pm (CHM 1119) LAB
Tu.....11:00am-11:50am (JMP 1109) DIS
3344 MWF.....11:00am-11:50am (CHM 1407) — STAFF
Th.....12:00pm- 2:50pm (CHM 1109) LAB
Tu.....11:00am-11:50am (CHE 2120) DIS
3347 MWF.....11:00am-11:50am (CHM 1407) — STAFF
Th.....3:00pm- 5:50pm (CHM 1110) LAB
Tu.....11:00am-11:50am (EGR 3102) DIS
3348 MWF.....11:00am-11:50am (CHM 1407) — STAFF
Th.....3:00pm- 5:50pm (CHM 1111) LAB
Tu.....11:00am-11:50am (CHE 2116) DIS
3349 MWF.....11:00am-11:50am (CHM 1407) — STAFF
Th.....3:00pm- 5:50pm (CHM 1112) LAB
Tu.....11:00am-11:50am (CHM 0124) DIS
3351 MWF.....11:00am-11:50am (CHM 1407) — STAFF
F.....8:00am-10:50am (CHM 1111) LAB
Tu.....10:00am-10:50am (CHE 2118) DIS
3352 MWF.....11:00am-11:50am (CHM 1407) — STAFF
F.....8:00am-10:50am (CHM 1110) LAB
Tu.....10:00am-10:50am (CHE 2116) DIS
3353 MWF.....11:00am-11:50am (CHM 1407) — STAFF
F.....8:00am-10:50am (CHM 1106) LAB
Tu.....10:00am-10:50am (EGR 1124) DIS
3354 MWF.....11:00am-11:50am (CHM 1407) — STAFF
F.....12:00pm- 2:50pm (CHM 1111) LAB
Tu.....11:00am-11:50am (HBK 0115) DIS
3355 MWF.....11:00am-11:50am (CHM 1407) — STAFF
F.....12:00pm- 2:50pm (CHM 1106) LAB
Tu.....11:00am-11:50am (EGR 2102) DIS
3411 MWF.....12:00pm-12:50pm (CHM 1407) — Alexander, M
M.....8:00am-10:50am (CHM 1105) LAB
Th.....9:00am- 9:50am (EGR 1124) DIS
3412 MWF.....12:00pm-12:50pm (CHM 1407) — Alexander, M
M.....8:00am-10:50am (CHM 1106) LAB
Th.....9:00am- 9:50am (HBK 0105) DIS
3417 MWF.....12:00pm-12:50pm (CHM 1407) — Alexander, M
M.....3:00pm- 5:50pm (CHM 1106) LAB
Th.....9:00am- 9:50am (EGR 2112) DIS
3424 MWF.....12:00pm-12:50pm (CHM 1407) — Alexander, M
Tu.....12:00pm- 2:50pm (CHM 1110) LAB
Th.....9:00am- 9:50am (EGR 1110) DIS
3425 MWF.....12:00pm-12:50pm (CHM 1407) — Alexander, M
Tu.....12:00pm- 2:50pm (CHM 1111) LAB
Th.....9:00am- 9:50am (ARM 0108) DIS
3431 MWF.....12:00pm-12:50pm (CHM 1407) — Alexander, M
W.....8:00am-10:50am (CHM 1105) LAB
Th.....10:00am-10:50am (CHE 2145) DIS
3432 MWF.....12:00pm-12:50pm (CHM 1407) — Alexander, M
W.....8:00am-10:50am (CHM 1112) LAB
Th.....10:00am-10:50am (CHE 2120) DIS
3437 MWF.....12:00pm-12:50pm (CHM 1407) — Alexander, M
W.....3:00pm- 5:50pm (CHM 1112) LAB
Th.....10:00am-10:50am (EGR 3108) DIS
3444 MWF.....12:00pm-12:50pm (CHM 1407) — Alexander, M
Th.....12:00pm- 2:50pm (CHM 1110) LAB
Th.....10:00am-10:50am (EGR 1124) DIS
3445 MWF.....12:00pm-12:50pm (CHM 1407) — Alexander, M
Th.....12:00pm- 2:50pm (CHM 1111) LAB
Th.....10:00am-10:50am (EGR 0102) DIS
3447 MWF.....12:00pm-12:50pm (CHM 1407) — Alexander, M
Th.....3:00pm- 5:00pm (CHM 1119) LAB
Th.....10:00am-10:50am (CHE 2116) DIS
3451 MWF.....12:00pm-12:50pm (CHM 1407) — Alexander, M
F.....8:00am-10:50am (CHM 1109) LAB
Th.....9:00am- 9:50am (EGR 0102) DIS
3511 MWF.....1:00pm- 1:50pm (CHM 1407) — Boyd Jr., A
M.....8:00am-10:50am (CHM 1110) LAB
Tu.....2:00pm- 2:50pm (EGR 0102) DIS
3517 MWF.....1:00pm- 1:50pm (CHM 1407) — Boyd Jr., A
M.....3:00pm- 5:50pm (CHM 1109) LAB
Tu.....2:00pm- 2:50pm (ARM 0108) DIS
3518 MWF.....1:00pm- 1:50pm (CHM 1407) — Boyd Jr., A
M.....2:00pm- 2:50pm (CHM 1119) LAB
Tu.....2:00pm- 2:50pm (EGR 1124) DIS
3521 MWF.....1:00pm- 1:50pm (CHM 1407) — Boyd Jr., A
Tu.....8:00am-10:50am (CHM 1105) LAB
Tu.....2:00pm- 2:50pm (ARM 0120) DIS
3522 MWF.....1:00pm- 1:50pm (CHM 1407) — Boyd Jr., A
Tu.....8:00am-10:50am (CHM 1106) LAB
Tu.....2:00pm- 2:50pm (EGR 2102) DIS
3523 MWF.....1:00pm- 1:50pm (CHM 1407) — Boyd Jr., A
Tu.....8:00am-10:50am (CHM 1119) LAB
Tu.....2:00pm- 2:50pm (CHE 2116) DIS
3531 MWF.....1:00pm- 1:50pm (CHM 1407) — Boyd Jr., A
W.....8:00am-10:50am (CHM 1109) LAB
Tu.....3:00pm- 3:50pm (EGR 2112) DIS
3537 MWF.....1:00pm- 1:50pm (CHM 1407) — Boyd Jr., A
W.....3:00pm- 5:50pm (CHM 1109) LAB
Tu.....3:00pm- 3:50pm (ARM 0108) DIS
3538 MWF.....1:00pm- 1:50pm (CHM 1407) — Boyd Jr., A
W.....3:00pm- 5:50pm (CHM 1119) LAB
Tu.....3:00pm- 3:50pm (EGR 1108) DIS
3541 MWF.....1:00pm- 1:50pm (CHM 1407) — Boyd Jr., A
Th.....8:00am-10:50am (CHM 1105) LAB
Tu.....3:00pm- 3:50pm (ARM 0120) DIS
3542 MWF.....1:00pm- 1:50pm (CHM 1407) — Boyd Jr., A
Th.....8:00am-10:50am (CHM 1106) LAB
Tu.....3:00pm- 3:50pm (EGR 2102) DIS
3544 MWF.....1:00pm- 1:50pm (CHM 1407) — Boyd Jr., A
Th.....12:00pm- 2:50pm (CHM 1119) LAB
Tu.....3:00pm- 3:50pm (EGR 0104) DIS
3617 MWF.....2:00pm- 2:50pm (CHM 1407) — Bellama, J
M.....3:00pm- 5:50pm (CHM 1110) LAB
Th.....2:00pm- 2:50pm (ARM 0108) DIS
3618 MWF.....2:00pm- 2:50pm (CHM 1407) — Bellama, J
M.....3:00pm- 5:50pm (CHM 1111) LAB
Th.....2:00pm- 2:50pm (ARM 0120) DIS
3619 MWF.....2:00pm- 2:50pm (CHM 1407) — Bellama, J
M.....3:00pm- 5:50pm (CHM 1112) LAB
Th.....2:00pm- 2:50pm (EGR 2102) DIS
3621 MWF.....2:00pm- 2:50pm (CHM 1407) — Bellama, J
Tu.....8:00am-10:50am (CHM 1111) LAB
Th.....2:00pm- 2:50pm (EGR 0104) DIS
3622 MWF.....2:00pm- 2:50pm (CHM 1407) — Bellama, J
Tu.....8:00am-10:50am (CHM 1110) LAB
Th.....2:00pm- 2:50pm (CHE 2116) DIS
3624 MWF.....2:00pm- 2:50pm (CHM 1407) — Bellama, J
Tu.....12:00pm- 2:50pm (CHM 1119) LAB
Th.....2:00pm- 2:50pm (CHM 0119) DIS
3627 MWF.....2:00pm- 2:50pm (CHM 1407) — Bellama, J
Tu.....3:00pm- 5:50pm (CHM 1119) LAB
Th.....3:00pm- 3:50pm (CHE 2145) DIS
3631 MWF.....2:00pm- 2:50pm (CHM 1407) — Bellama, J
W.....8:00am-10:50am (CHM 1119) LAB
Th.....3:00pm- 3:50pm (CHE 2140) DIS
3637 MWF.....2:00pm- 2:50pm (CHM 1407) — Bellama, J
W.....3:00pm- 5:50pm (CHM 1110) LAB
Th.....3:00pm- 3:50pm (EGR 2102) DIS
3638 MWF.....2:00pm- 2:50pm (CHM 1407) — Bellama, J
W.....3:00pm- 5:50pm (CHM 1111) LAB
Th.....3:00pm- 3:50pm (ARM 0120) DIS
3641 MWF.....2:00pm- 2:50pm (CHM 1407) — Bellama, J
Th.....8:00am-10:50am (CHM 1106) LAB
Th.....3:00pm- 3:50pm (ARM 0108) DIS
3642 MWF.....2:00pm- 2:50pm (CHM 1407) — Bellama, J
Th.....8:00am-10:50am (CHM 1119) LAB
Th.....3:00pm- 3:50pm (CHM 0119) DIS

CHEM105 Principles of General Chemistry I; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Laboratory Course. USP Distributive Studies Area B Course. Credit will be granted for only one of the following: CHEM 102, CHEM 103, CHEM 105, CHEM 107, CHEM 111. Registration restricted. High school chemistry plus S.A.T. math score above 680 required. Laboratory sessions will begin after the first lecture. — 4 credits

0314 MWF.....10:00am-10:50am (CHM 1402) — Harwood, W
M.....12:00pm- 2:50pm (CHM 1233) LAB
Th.....8:00am- 8:50am (ARM 0117) DIS
0317 MWF.....10:00am-10:50am (CHM 1402) — Harwood, W
M.....3:00pm- 5:50pm (CHM 1233) LAB
Th.....8:00am- 8:50am (PHY 4220) DIS
0321 MWF.....10:00am-10:50am (CHM 1402) — Harwood, W
Tu.....8:00am-10:50am (CHM 1233) LAB
Th.....8:00am- 8:50am (ARM 0105) DIS
0324 MWF.....10:00am-10:50am (CHM 1402) — Harwood, W
Tu.....12:00pm- 2:50pm (CHM 1233) LAB
Th.....9:00am- 9:50am (ARM 0105) DIS
0327 MWF.....10:00am-10:50am (CHM 1402) — Harwood, W
Tu.....3:00pm- 5:50pm (CHM 1233) LAB
Th.....9:00am- 9:50am (PHY 4220) DIS
0334 MWF.....10:00am-10:50am (CHM 1402) — Harwood, W
W.....12:00pm- 2:50pm (CHM 1233) LAB
Th.....9:00am- 9:50am (ARM 0117) DIS
0337 MWF.....10:00am-10:50am (CHM 1402) — Harwood, W
W.....3:00pm- 5:50pm (CHM 1233) LAB
Th.....9:00am- 9:50am (PHY 4208) DIS

CHEM113 General Chemistry II; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Laboratory Course. USP Distributive Studies Area B Course. Prerequisite: CHEM 103 or CHEM 105. Credit will be granted for only one of the following: CHEM 113 or CHEM 115. Laboratory sessions will begin after the first lecture. — 4 credits

4111 TuTh.....8:00am- 9:15am (CHM 1407) — Walters, W
M.....8:00am-10:50am (CHM 1128) LAB
M.....1:00pm- 1:50pm (EGR 0104) DIS
4117 TuTh.....8:00am- 9:15am (CHM 1407) — Walters, W
M.....3:00pm- 5:50pm (CHM 1128) LAB
M.....1:00pm- 1:50pm (EGR 2102) DIS
4124 TuTh.....9:15am (CHM 1407) — Walters, W
Tu.....12:00pm- 2:50pm (CHM 1128) LAB
M.....1:00pm- 1:50pm (ARM 0108) DIS
4131 TuTh.....8:00am- 9:15am (CHM 1407) — Walters, W
W.....8:00am-10:50am (CHM 1128) LAB
M.....2:00pm- 2:50pm (ARM 0103) DIS
4134 TuTh.....8:00am- 9:15am (CHM 1407) — Walters, W
W.....12:00pm- 2:50pm (CHM 1128) LAB
M.....2:00pm- 2:50pm (EGR 0104) DIS
4137 TuTh.....8:00am- 9:15am (CHM 1407) — Walters, W
W.....3:00pm- 5:50pm (CHM 1128) LAB
M.....2:00pm- 2:50pm (ARM 0108) DIS
4144 TuTh.....8:00am- 9:15am (CHM 1407) — Walters, W
Th.....12:00pm- 2:50pm (CHM 1128) LAB
M.....2:00pm- 2:50pm (ARM 0102) DIS
4154 TuTh.....8:00am- 9:15am (CHM 1407) — Walters, W
F.....12:00pm- 2:50pm (CHM 1128) LAB
M.....1:00pm- 1:50pm (ARM 0102) DIS
4211 TuTh.....11:00am-12:15pm (CHM 1407) — Tossell, J
M.....8:00am-10:50am (CHM 1208) LAB
W.....1:00pm- 1:50pm (EGR 1124) DIS
4214 TuTh.....11:00am-12:15pm (CHM 1407) — Tossell, J
M.....12:00pm- 2:50pm (CHM 1208) LAB
W.....1:00pm- 1:50pm (ARM 0101) DIS
4217 TuTh.....11:00am-12:15pm (CHM 1407) — Tossell, J
M.....3:00pm- 5:50pm (CHM 1208) LAB
W.....1:00pm- 1:50pm (EGR 2112) DIS
4221 TuTh.....11:00am-12:15pm (CHM 1407) — Tossell, J
Tu.....8:00am-10:50am (CHM 1208) LAB
W.....1:00pm- 1:50pm (ARM 0108) DIS
4227 TuTh.....11:00am-12:15pm (CHM 1407) — Tossell, J
Tu.....3:00pm- 5:50pm (CHM 1208) LAB
W.....1:00pm- 1:50pm (EGR 1110) DIS
4231 TuTh.....11:00am-12:15pm (CHM 1407) — Tossell, J
W.....8:00am-10:50am (CHM 1208) LAB
W.....2:00pm- 2:50pm (PHY 1221) DIS
4237 TuTh.....11:00am-12:15pm (CHM 1407) — Tossell, J
W.....3:00pm- 5:50pm (CHM 1208) LAB
W.....2:00pm- 2:50pm (ARM 0108) DIS
4241 TuTh.....11:00am-12:15pm (CHM 1407) — Tossell, J
Th.....8:00am-10:50am (CHM 1208) LAB
W.....2:00pm- 2:50pm (ARM 0103) DIS
4247 TuTh.....11:00am-12:15pm (CHM 1407) — Tossell, J
Th.....3:00pm- 5:50pm (CHM 1208) LAB
W.....2:00pm- 2:50pm (EGR 1110) DIS
4254 TuTh.....11:00am-12:15pm (CHM 1407) — Tossell, J
F.....12:00pm- 2:50pm (CHM 1208) LAB
W.....2:00pm- 2:50pm (ARM 0102) DIS
4311 TuTh.....12:30pm- 1:45pm (CHM 1407) — Freeman, D
M.....8:00am-10:50am (CHM 1122) LAB
W.....1:00pm- 1:50pm (SYM 2109) DIS
4314 TuTh.....12:30pm- 1:45pm (CHM 1407) — Freeman, D
M.....12:00pm- 2:50pm (CHM 1122) LAB
W.....1:00pm- 1:50pm (ARM 0105) DIS
4321 TuTh.....12:30pm- 1:45pm (CHM 1407) — Freeman, D
Tu.....8:00am-10:50am (CHM 1122) LAB
W.....1:00pm- 1:50pm (EGR 2102) DIS
4327 TuTh.....12:30pm- 1:45pm (CHM 1407) — Freeman, D
Tu.....3:00pm- 5:50pm (CHM 1122) LAB
W.....1:00pm- 1:50pm (EGR 3102) DIS
4328 TuTh.....12:30pm- 1:45pm (CHM 1407) — Freeman, D
Tu.....3:00pm- 5:50pm (CHM 1128) LAB
W.....1:00pm- 1:50pm (ARM 0102) DIS
4331 TuTh.....12:30pm- 1:45pm (CHM 1407) — Freeman, D
W.....8:00am-10:50am (CHM 1122) LAB
W.....2:00pm- 2:50pm (SYM 2109) DIS
4341 TuTh.....12:30pm- 1:45pm (CHM 1407) — Freeman, D
Th.....8:00am-10:50am (CHM 1122) LAB
W.....2:00pm- 2:50pm (EGR 1124) DIS
4347 TuTh.....12:30pm- 1:45pm (CHM 1407) — Freeman, D
Th.....3:00pm- 5:50pm (CHM 1122) LAB
W.....2:00pm- 2:50pm (CHE 2120) DIS
4348 TuTh.....12:30pm- 1:45pm (CHM 1407) — Freeman, D
Th.....3:00pm- 5:50pm (CHM 1128) LAB
W.....2:00pm- 2:50pm (ARM 0121) DIS
4354 TuTh.....12:30pm- 1:45pm (CHM 1407) — Freeman, D
F.....12:00pm- 2:50pm (CHM 1122) LAB
W.....2:00pm- 2:50pm (EGR 2102) DIS

CHEM233 Organic Chemistry I; Grade Method: REG/P-F/AUD. Prerequisite: CHEM 113 or CHEM 115. Credit will be granted for only one of the following: CHEM 104, CHEM 233, CHEM 235. Laboratory sessions will begin after the first lecture. — 4 credits

7114 MWF.....9:00am- 9:50am (CHM 1407) — Deshong, P
M.....12:00pm- 2:50pm (CHM 1221) LAB
Tu.....12:00pm-12:50pm (JMP 1109) DIS
7117 MWF.....9:00am- 9:50am (CHM 1407) — Deshong, P
M.....3:00pm- 5:50pm (CHM 1227) LAB
Tu.....12:00pm-12:50pm (EGR 3102) DIS
7121 MWF.....9:00am- 9:50am (CHM 1407) — Deshong, P
Tu.....8:00am-10:50am (CHM 1227) LAB
Tu.....12:00pm-12:50pm (CHE 2145) DIS
7122 MWF.....9:00am- 9:50am (CHM 1407) — Deshong, P
Tu.....8:00am-10:50am (CHM 1221) LAB
Tu.....12:00pm-12:50pm (EGR 2102) DIS
7127 MWF.....9:00am- 9:50am (CHM 1407) — Deshong, P
Tu.....3:00pm- 5:50pm (CHM 1221) LAB
Tu.....12:00pm-12:50pm (CHM 0124) DIS
7134 MWF.....9:00am- 9:50am (CHM 1407) — Deshong, P
W.....12:00pm- 2:50pm (CHM 1227) LAB
Tu.....1:00pm- 1:50pm (EGR 0104) DIS
7137 MWF.....9:00am- 9:50am (CHM 1407) — Deshong, P
W.....3:00pm- 5:50pm (CHM 1227) LAB
Tu.....1:00pm- 1:50pm (EGR 3102) DIS
7138 MWF.....9:00am- 9:50am (CHM 1407) — Deshong, P
W.....3:00pm- 5:50pm (CHM 1221) LAB
W.....1:00pm- 1:50pm (EGR 2102) DIS
7141 MWF.....9:00am- 9:50am (CHM 1407) — Deshong, P
Th.....8:00am-10:50am (CHM 1227) LAB
Tu.....1:00pm- 1:50pm (CHM 0124) DIS
7142 MWF.....9:00am- 9:50am (CHM 1407) — Deshong, P
Th.....8:00am-10:50am (CHM 1221) LAB
Tu.....1:00pm- 1:50pm (ARM 0110) DIS
7144 MWF.....9:00am- 9:50am (CHM 1407) — Deshong, P
Th.....12:00pm- 2:50pm (CHM 1221) LAB
Tu.....12:00pm-12:50pm (CHE 2140) DIS
7145 MWF.....9:00am- 9:50am (CHM 1407) — Deshong, P
Th.....12:00pm- 2:50pm (CHM 1227) LAB
Tu.....12:00pm-12:50pm (EGR 2112) DIS
7147 MWF.....9:00am- 9:50am (CHM 1407) — Deshong, P
Th.....3:00pm- 5:50pm (CHM 1227) LAB
Tu.....1:00pm- 1:50pm (CHM 0128) DIS
7154 MWF.....9:00am- 9:50am (CHM 1407) — Deshong, P
F.....12:00pm- 2:50pm (CHM 1221) LAB
Tu.....12:00pm-12:50pm (ARM 0110) DIS
7155 MWF.....9:00am- 9:50am (CHM 1407) — Deshong, P
F.....12:00pm- 2:50pm (CHM 1227) LAB
Tu.....12:00pm-12:50pm (JMP 1202) DIS
7157 MWF.....9:00am- 9:50am (CHM 1407) — Deshong, P
F.....3:00pm- 5:50pm (CHM 1221) LAB
Tu.....12:00pm-12:50pm (SYM 1308) DIS
7214 MWF.....9:00am- 9:50am (CHM 1402) — Ammon, H
M.....12:00pm- 2:50pm (CHM 1227) LAB
Tu.....12:00pm-12:50pm (CHE 2120) DIS
7217 MWF.....9:00am- 9:50am (CHM 1402) — Ammon, H
M.....3:00pm- 5:50pm (CHM 1221) LAB
Tu.....12:00pm-12:50pm (CHE 2116) DIS
7227 MWF.....9:00am- 9:50am (CHM 1402) — Ammon, H
Tu.....3:00pm- 5:50pm (CHM 1227) LAB
Tu.....12:00pm-12:50pm (ARM 0108) DIS
7234 MWF.....9:00am- 9:50am (CHM 1402) — Ammon, H
W.....12:00pm- 2:50pm (CHM 1221) LAB
Tu.....1:00pm- 1:50pm (CHE 2120) DIS
7247 MWF.....9:00am- 9:50am (CHM 1402) — Ammon, H
Th.....3:00pm- 5:50pm (CHM 1221) LAB
Tu.....1:00pm- 1:50pm (EGR 1110) DIS
7257 MWF.....9:00am- 9:50am (CHM 1402) — Ammon, H
F.....3:00pm- 5:50pm (CHM 1227) LAB
Tu.....1:00pm- 1:50pm (ARM 0108) DIS

CHEM235 Principles of Organic Chemistry I; Grade Method: REG/P-F/AUD. Prerequisite: CHEM 113 or CHEM 115 and permission of department. Credit will be granted for only one of the following: CHEM 104, CHEM 233, CHEM 235. This course is a more rigorous "upper track" version of CHEM 233. Limited enrollment. Preference given to those with grades of A or B in CHEM 115 or A in CHEM 113 or consent of instructor. Laboratory sessions will begin after the first lecture. — 4 credits

0741 MWF.....9:00am- 9:50am (CHM 0128) — Jarvis, B
Th.....8:00am-10:50am (CHM 1233) LAB
Tu.....12:00pm-12:50pm (CHM 0128) DIS
0747 MWF.....9:00am- 9:50am (CHM 0128) — Jarvis, B
Th.....3:00pm- 5:50pm (CHM 1233) LAB
Tu.....1:00pm- 1:50pm (CHE 2116) DIS

CHEM243 Organic Chemistry II; Grade Method: REG/P-F/AUD. Prerequisite: CHEM 243 or CHEM 235. Credit will be granted for only one of the following: CHEM 243 or CHEM 245. Laboratory sessions will begin after the first lecture. — 4 credits

8114 MWF.....3:00pm- 3:50pm (CHM 1407) — Henery-Logan, K
M.....12:00pm- 2:50pm (CHM 1216) LAB
Th.....12:00pm-12:50pm (CHM 0124) DIS
8121 MWF.....3:00pm- 3:50pm (CHM 1407) — Henery-Logan, K
Tu.....8:00am-10:50am (CHM 1224) LAB
Th.....12:00pm-12:50pm (CHE 2120) DIS

8124	MWF.....3:00pm- 3:50pm (CHM 1407)		Henery-Logan, K
	Tu.....12:00pm- 2:50pm (CHM 1224)	LAB	
	Th.....12:00pm-12:50pm (CHE 2140)	DIS	
8131	MWF.....3:00pm- 3:50pm (CHM 1407)		Henery-Logan, K
	W.....8:00am-10:50am (CHM 1216)	LAB	
	Th.....12:00pm-12:50pm (CHE 2116)	DIS	
8134	MWF.....3:00pm- 3:50pm (CHM 1407)		Henery-Logan, K
	W.....12:00pm- 2:50pm (CHM 1216)	LAB	
	Th.....1:00pm- 1:50pm (CHM 0124)	DIS	
8141	MWF.....3:00pm- 3:50pm (CHM 1407)		Henery-Logan, K
	Th.....8:00am-10:50am (CHM 1224)	LAB	
	Th.....1:00pm- 1:50pm (CHE 2120)	DIS	
8147	MWF.....3:00pm- 3:50pm (CHM 1407)		Henery-Logan, K
	Th.....3:00pm- 5:50pm (CHM 1224)	LAB	
	Th.....1:00pm- 1:50pm (EGR 3102)	DIS	
8151	MWF.....3:00pm- 3:50pm (CHM 1407)		Henery-Logan, K
	F.....8:00am-10:50am (CHM 1216)	LAB	
	Th.....1:00pm- 1:50pm (CHE 2116)	DIS	

CHEM287 Computer Programming for the Biological and Chemical Sciences; Grade Method: REG/P-F/AUD. Prerequisite: one year of college chemistry or biological science. — 4 credits

0111	MWF.....3:00pm- 3:50pm (CHM 1402)		Munn, R
	M.....12:00pm- 3:00pm (Arranged)	LAB	
0121	MWF.....3:00pm- 3:50pm (CHM 1402)		Munn, R
	Tu.....12:00pm- 3:00pm (Arranged)	LAB	
0131	MWF.....3:00pm- 3:50pm (CHM 1402)		Munn, R
	W.....12:00pm- 3:00pm (Arranged)	LAB	
0141	MWF.....3:00pm- 3:50pm (CHM 1402)		Munn, R
	Th.....12:00pm- 3:00pm (Arranged)	LAB	

CHEM321 Quantitative Analysis; Grade Method: REG/P-F/AUD. Prerequisite: CHEM 113 or CHEM 115. — 4 credits

0111	MW.....12:00pm-12:50pm (CHM 1402)		Kasler, F
	MW.....8:00am-11:00am (CHM 3226)	LAB	
0114	MW.....12:00pm-12:50pm (CHM 1402)		Kasler, F
	MW.....1:00pm- 4:00pm (CHM 3226)	LAB	
0121	MW.....12:00pm-12:50pm (CHM 1402)		Kasler, F
	TuTh.....12:00pm- 3:00pm (CHM 3226)	LAB	

CHEM374 Technology, Energy and Risk; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. Prerequisite: completion of USP Distributive Studies Area B. — 3 credits

0101	MWF.....11:00am-11:50am (CHM 1402)	Gordon, G

CHEM398 (PermReq) Special Projects; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Limited to chemistry honors students. Prior consent of the department required. Consult with Dr. Harwood. — 2 credits

CHEM399 (PermReq) Introduction to Chemical Research; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Research plans must have prior approval from Dr. Harwood. — 1-2 credits

CHEM401 Inorganic Chemistry; Grade Method: REG/P-F/AUD. Prerequisite: CHEM 481. — 3 credits

0101	MWF.....10:00am-10:50am (CHM 0128)	Huheey, J

CHEM403 Radiochemistry; Grade Method: REG/P-F/AUD. Prerequisite: one year of college chemistry and one year of college physics. — 3 credits

0101	MWF.....12:00pm-12:50pm (CHM 0128)	Mignerey, A

CHEM474 Environmental Chemistry; Grade Method: REG/P-F/AUD. Prerequisite: CHEM 481 or equivalent. — 3 credits

0101	MWF.....1:00pm- 1:50pm (CHM 0128)	Helz, G

CHEM481 Physical Chemistry I; Grade Method: REG/P-F/AUD. Prerequisite: CHEM 113 or CHEM 115; CHEM 243 or CHEM 245; MATH 141; and PHYS 142 or PHYS 283. (PHYS 283 may be taken concurrently). — 3 credits

0101	MWF.....8:00am- 8:50am (CHM 0115)	Castellan, G
0201	MWF.....9:00am- 9:50am (CHM 0115)	Murphy, T

CHEM482 Physical Chemistry II; Grade Method: REG/P-F/AUD. Prerequisite: CHEM 481. — 3 credits

0101	MWF.....8:00am- 8:50am (CHM 1402)	Krisher, L

CHEM483 Physical Chemistry Laboratory I; Grade Method: REG/P-F/AUD. Corequisite: CHEM 481. — 2 credits

0114	M.....2:00pm- 5:00pm (Arranged)	LAB	Weiner, J
	M.....1:00pm- 1:50pm (CHM 1402)	DIS	
0124	Tu.....2:00pm- 5:00pm (Arranged)	LAB	Weiner, J
	Tu.....1:00pm- 1:50pm (CHM 1402)	DIS	
0134	W.....2:00pm- 5:00pm (Arranged)	LAB	Weiner, J
	W.....1:00pm- 1:50pm (CHM 1402)	DIS	
0144	Th.....2:00pm- 5:00pm (Arranged)	LAB	Weiner, J
	Th.....1:00pm- 1:50pm (CHM 1402)	DIS	

CHEM484 Physical Chemistry Laboratory II; Grade Method: REG/P-F/AUD. Prerequisite: CHEM 481 and CHEM 483. Corequisite: CHEM 482. — 2 credits

0124	Tu.....2:00pm- 5:00pm (Arranged)	LAB	Weiner, J
	Tu.....1:00pm- 1:50pm (CHM 2201)	DIS	
0134	W.....2:00pm- 5:00pm (Arranged)	LAB	Weiner, J
	W.....1:00pm- 1:50pm (CHM 2201)	DIS	

CHEM487 Computer Applications in the Biological and Chemical Sciences; Grade Method: REG/P-F/AUD. Prerequisite: CHEM 113 and CHEM 287 or equivalent; and knowledge of a scientific programming language (PASCAL, FORTRAN or "C"). One three-hour laboratory period will be arranged. — 4 credits

0117	MWF.....11:00am-11:50am (CHM 0128)	Murphy, T
	Time and room to be arranged LAB	
0137	MWF.....11:00am-11:50am (CHM 0128)	Murphy, T
	Time and room to be arranged LAB	

CHEM498B Special Topics in Chemistry: The Periodic Table D and F Block Elements; Grade Method: REG/P-F/AUD. — 3 credits

0101	MWF.....9:00am- 9:50am (CHM 0124)	Boyd Jr., A

CHEM601 Advanced Inorganic Chemistry I; Grade Method: REG/AUD. Prerequisite: CHEM 401 or equivalent. — 3 credits

0101	MWF.....10:00am-10:50am (CHM 2201)	Eichhorn, B

CHEM606 Chemistry of Organometallic Compounds; Grade Method: REG/AUD. Prerequisite: CHEM 601. — 3 credits

0101	TuTh.....2:00pm- 3:15pm (CHM 0124)	Poli, R

CHEM624 Electrical Methods of Quantitative Analysis; Grade Method: REG/AUD. Prerequisites: CHEM 421 and CHEM 482 or equivalent. — 3 credits

0101	MWF.....2:00pm- 2:50pm (CHM 2201)	Miller, C

CHEM640 Problems in Organic Reaction Mechanisms; Grade Method: REG/AUD. — 1 credit

0101	F.....12:00pm-12:50pm (CHM 2201)	Herndon, J

CHEM641 Organic Reaction Mechanisms; Grade Method: REG/AUD. — 3 credits

0101	MWF.....8:00am- 8:50am (CHM 2201)	Falvey, D

CHEM648 Special Topics in Organic Chemistry: Cycloaddition Chemistry; Grade Method: REG/AUD. — 1-3 credits

0101	Th.....7:30pm- 9:30pm (PHY 4208)	Herndon, J

CHEM684 Chemical Thermodynamics; Grade Method: REG/AUD. Prerequisite: CHEM 482 or equivalent. — 3 credits

0101	MWF.....9:00am- 9:50am (CHM 2201)	DeVoe, H

CHEM690 Quantum Chemistry I; Grade Method: REG/AUD. Prerequisite: CHEM 485. — 3 credits

0101	MWF.....11:00am-11:50am (CHM 0124)	Reutt, J

CHEM699 Special Problems in Chemistry; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Open only to non-thesis Master's degree candidates. — 1-6 credits

CHEM799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

CHEM898A Seminar: Analytical, Nuclear and Environmental; Grade Method: REG/AUD. — 1 credit

0101	F.....3:00pm- 3:50pm (CHM 0128)	Kasler, F

CHEM898C Seminar: Inorganic; Grade Method: REG/AUD. — 1 credit

0101	Tu.....4:00pm- 6:00pm (Arranged)	Poli, R

CHEM898D Seminar: Organic; Grade Method: REG/AUD. — 1 credit

0101	Tu.....4:00pm- 6:00pm (CHM 0122)	Herndon, J

CHEM898E Seminar: Physical Chemistry; Grade Method: REG/AUD. — 1 credit

0101	W.....4:00pm- 6:00pm (CHM 1325)	Wilkerson, T

CHEM898F Seminar: Chemical Physics; Grade Method: REG/AUD. — 1 credit

0101	W.....4:00pm- 6:00pm (CHM 1325)	Wilkerson, T

CHEM898I Seminar: Organometallics in Organic Synthesis; Grade Method: REG/AUD. — 1 credit

0101	Time and room to be arranged	Herndon, J

CHEM898J Seminar: Natural Products; Grade Method: REG/AUD. — 1 credit

0101	Time and room to be arranged	Jarvis, B

CHEM898K Seminar: Photochemistry Mechanistics; Grade Method: REG/AUD. — 1 credit

0101	Time and room to be arranged	Mariano, P

CHEM898L Seminar: Photochemistry; Grade Method: REG/AUD. — 1 credit

0101	Time and room to be arranged	Mazzocchi, P

CHEM898M Seminar: Meterials Chemistry; Grade Method: REG/AUD. — 1 credit

0101	Time and room to be arranged	Eichhorn, B

CHEM898N Seminar: Phosphorus Chemistry; Grade Method: REG/AUD. — 1 credit

0101	Time and room to be arranged	Grim, S

CHEM898O Seminar: Natural Water; Grade Method: REG/AUD. — 1 credit

0101	Time and room to be arranged	Helz, G

CHEM898P Seminar: Chemical Evolution; Grade Method: REG/AUD. — 1 credit

0101	W.....4:00pm- 4:50pm (Arranged)	Ponnamperuma, C

CHEM898Q Seminar: Bioorganic Mechanisms; Grade Method: REG/AUD. — 1 credit

0101	Time and room to be arranged	Kozarich, J

CHEM898R Seminar: Transition Metal Chemistry; Grade Method: REG/AUD. — 1 credit

0101	Time and room to be arranged	Poli, R

CHEM899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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CHIN Chinese — (Arts and Humanities)

Non-Majors: please refer to the Foreign Language Placement Section of the Schedule of Classes.

CHIN101 Intensive Elementary Chinese I; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Non-majors admitted only after a placement interview. — 6 credits

0101	MWF.....9:00am- 9:50am (COL 3111)		Chin, T
	MWF.....10:00am-10:50am (COL 3111)	DIS	
0102	MWF.....9:00am- 9:50am (COL 3111)		Chin, T
	MWF.....10:00am-10:50am (COL 3112)	DIS	
0201	MWF.....12:00pm-12:50pm (COL 3111)		Chin, T
	MWF.....1:00pm- 1:50pm (COL 3111)	DIS	
0202	MWF.....12:00pm-12:50pm (COL 3111)		Chin, T
	MWF.....1:00pm- 1:50pm (COL 3110)	DIS	

CHIN201 Intermediate Spoken Chinese I; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisite: CHIN 102 or equivalent. Non-majors admitted only after a placement interview. — 3 credits

0101	MWF.....9:00am- 9:50am (JMZ 1109)	Sargent, S

CHIN202 Intermediate Written Chinese I; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisite: CHIN 103 or equivalent. Non-majors admitted only after a placement interview. — 3 credits

0101	MWF.....10:00am-10:50am (HZF 1101)	Walton, A

CHIN213 Chinese Poetry into English: An Introduction; Grade Method: REG. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. — 3 credits

0101	MWF.....1:00pm- 1:50pm (JMZ 1120)	Sargent, S

CHIN301 Advanced Chinese I; Grade Method: REG/P-F/AUD. Prerequisite: CHIN 202 or equivalent. Non-majors admitted only after a placement interview. — 3 credits

0101	MWF.....11:00am-11:50am (JMZ 1109)	Walton, A

CHIN303 Business Chinese I; Grade Method: REG/P-F/AUD. Prerequisites: CHIN 203; and CHIN 204 or equivalent. Non-majors admitted only after a placement interview. — 3 credits

0101	MWF.....2:00pm- 2:50pm (JMZ 2117)	Shen, H

CHIN401 Readings in Modern Chinese I; Grade Method: REG/P-F/AUD. Prerequisite: CHIN 302 or equivalent. Non-majors admitted only after a placement interview. — 3 credits

0101	MWF.....3:00pm- 3:50pm (JMZ 1123)	Shen, H

CHIN421 Sounds and Transcriptions of Mandarin Chinese; Grade Method: REG/P-F/AUD. — 3 credits

0101	W.....3:00pm- 5:30pm (JMZ 2120)	Chin, T

CHIN441 Traditional Chinese Fiction; Grade Method: REG/P-F/AUD. USP Distributive Studies Area C Course. Prerequisite: CHIN 314 or permission of instructor. — 3 credits

0101	MWF.....11:00am-11:50am (COL 3112)	Wang, J

CHIN498 (PermReq) Directed Study in Chinese; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

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CHPH Chemical Physics — (Comp, Math, & Phys Sci)

CHPH709A Seminar in Chemical Physics: Physical Chemistry; Grade Method: REG/AUD. — 1 credit

0101	W.....4:00pm- 6:00pm (CHM 1325)	Wilkerson, T

CHPH709B Seminar in Chemical Physics: Statistical Physics Seminar; Grade Method: REG/AUD. — 1 credit

0101	Tu.....1:00pm- 1:50pm (IPT 1115)	Sengers, J

CHPH799 (PermReq) Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

CHPH899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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CJUS Institute of Criminal Justice and Criminology — (Behavior & Social Sci)

CJUS100 Introduction to Law Enforcement; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D Course. — 3 credits

0101	TuTh.....8:00am- 9:15am (LEF 2205)	Miller, S
0201	MWF.....11:00am-11:50am (ARM 0126)	Siman, B
0301	MWF.....2:00pm- 2:50pm (LEF 2205)	Siman, B
0401	TuTh.....2:00pm- 3:15pm (SNH 2102)	Katzenelson, S
0501	TuTh.....11:00am-12:15pm (ARM 0135)	Miller, S

CJUS230 Criminal Law in Action; Grade Method: REG/P-F/AUD. — 3 credits

0101	MWF.....9:00am- 9:50am (SNH 2101)	Verchot, J
0201	TuTh.....2:00pm- 3:15pm (TLF 0124)	Verchot, J

CJUS234 Law of Criminal Investigation; Grade Method: REG/P-F/AUD. Prerequisite: CJUS 230. — 3 credits

0101	TuTh.....9:30am-10:45am (ARM 0135)	Verchot, J

CJUS300 Criminological and Criminal Justice Research Methods; Grade Method: REG. Prerequisite: CJUS 100; and CRIM 220; and one of the following: SOCY 201, PSYC 200, ECON 321, BMGT 230, EDMS 451, or GVPT 422. — 3 credits

0101	MWF.....1:00pm- 1:50pm (ASY 2309)	Brooks, L
0201	MWF.....10:00am-10:50am (LEF 2208)	Brooks, L

CJUS320 Introduction to Criminalistics; Grade Method: REG/P-F/AUD. Prerequisite: CJUS 220. — 3 credits

0101	MW.....6:00pm- 7:15pm (LEF 2168)		Mauriello, T
	MW.....6:00pm- 7:15pm (LEF 0208)	LAB	
0201	MW.....7:30pm- 8:45pm (LEF 2168)		Mauriello, T
	MW.....7:30pm- 8:45pm (LEF 0208)	LAB	

CJUS340 Concepts of Law Enforcement Administration; Grade Method: REG/P-F/AUD. Prerequisite: CJUS 100 or equivalent. — 3 credits

0101	MWF.....12:00pm-12:50pm (ASY 2203)	Brooks, L

CJUS352 Drugs and Crime; Grade Method: REG/P-F/AUD. Prerequisite: CJUS 100. — 3 credits

0101	TuTh.....2:00pm- 3:15pm (ARM 0112)	Laufersweiler,

CJUS360 Industrial and Retail Security Administration; Grade Method: REG/P-F/AUD. Prerequisite: CJUS 100, or CJUS 220 or permission of department. — 3 credits

0101	Th.....4:00pm- 6:45pm (LEF 1201)	Wilson, J

CJUS386 (PermReq) Field Work; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: Have junior standing by August 1990; have a 3.2 cumulative GPA, earned a grade of "A" in the course in which assisting. — 1-3 credits

CJUS387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: Have junior standing by August 1990, have a 3.2 cumulative GPA, earned a grade of "A" in the course in which assisting. — 1-3 credits

CJUS398H (PermReq) Independent Reading in Law Enforcement; Independent Reading Course in Criminal Justice; Grade Method: REG. For honor students only. — 3 credits

0101	W.....3:00pm- 4:30pm (LEF 2220R)	Wellford, C
	Time and room to be arranged DIS	
0501	W.....3:00pm- 4:30pm (LEF 2220R)	Ingraham, B
	Time and room to be arranged DIS	

CJUS398H (PermReq) Independent Research in Law Enforcement; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. For honors students only. — 3 credits

CJUS398 (PermReq) Law Enforcement Field Training; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisites: junior standing, majors only. — 1-6 credits

CJUS399 (PermReq) Directed Independent Research; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisites: senior standing, majors only. — 1-3 credits

CJUS400 Criminal Courts; Grade Method: REG/P-F/AUD. Prerequisite: CJUS 100 or permission of department. — 3 credits

0101	MWF.....11:00am-11:50am (LEF 1201)	Ingraham, B

CJUS444 Advanced Law Enforcement Administration; Grade Method: REG/P-F/AUD. Prerequisite: CJUS 340 or permission of department. — 3 credits

0101	TuTh.....2:00pm- 3:15pm (TYD 2100)	Sherman, L

CJUS498A Selected Topics in Criminal Justice: Re-Inventing the Police; Grade Method: REG/AUD. — 1-3 credits

0101	Tu.....4:00pm- 7:00pm (LEF 1222)	Sherman, L

CJUS498C (PermReq) Selected Topics in Criminal Justice: Police and Campus Interaction; Grade Method: REG/P-F/AUD. — 3 credits

0101	MW.....3:30pm- 4:45pm (LEF 1201)	Wellford, C

CJUS498D Selected Topics in Criminal Justice: Fundamental for Criminological Research; Grade Method: REG. — 3 credits

0101	W.....4:00pm- 6:45pm (LEF 1220)	Smith, D

CJUS600 Criminal Justice; Grade Method: REG/AUD. Prerequisites: admission to the graduate program in criminal justice or permission of department. — 3 credits

0101	M.....4:00pm- 6:45pm (LEF 1222)	Ingraham, B

CJUS630 Seminar in Criminal Law and Society; Grade Method: REG/AUD. Prerequisite: CJUS 230 or equivalent; and a course in introductory criminology. — 3 credits

0101	Th.....1:00pm- 3:45pm (LEF 2220R)	Simpson, S

CJUS699 Special Problems in Criminal Justice; Grade Method: REG/AUD. — 1-3 credits

0101	Time and room to be arranged	Wellford, C

CJUS699A Special Problems in Criminal Justice: Re-Inventing the Police; Grade Method: REG/AUD. — 1-3 credits

0101	Tu.....4:00pm- 7:00pm (LEF 1222)	Sherman, L

CJUS799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

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CLAS Classics — (Arts and Humanities)

CLAS100 Classical Foundations; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. — 3 credits

0101	MWF.....10:00am-10:50am (COL 3109)	Jonnes, L

CLAS170 Greek and Roman Mythology; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Taught in English. — 3 credits

0101	MWF.....11:00am-11:50am (SHM 2101)	Staley, G

CLAS270 Greek Literature in Translation; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. — 3 credits

0101	TuTh.....11:00am-12:15pm (ASY 3219)	Jonnes, L

CLAS309 Special Topics in Classical Literature: Ancient Medicine; Grade Method: REG/P-F/AUD. — 3 credits

0101	MWF.....11:00am-11:50am (COL 3109)	Duffy, J

CLAS320 Women in Classical Antiquity; Grade Method: REG/P-F/AUD. CORE Distributive Studies Cultural Diversity Course. USP Advanced Studies Development of Knowledge Course. — 3 credits

0101	TuTh.....9:30am-10:45am (HZF 1108)	Dexter, C
0201	TuTh.....12:30pm- 1:45pm (HZF 1108)	Dexter, C

CLAS470 Advanced Greek and Roman Mythology; Grade Method: REG/AUD. USP Advanced Studies Development of Knowledge Course. Prerequisite: CLAS 170 or permission of department. — 3 credits

0101	MWF.....1:00pm- 1:50pm (HZF 1106)	Fiedler, B
0201	MWF.....11:00am-11:50am (HBK 0117)	Fiedler, B

CLAS499 Independent Study in Classical Languages and Literatures; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

CLAS640 Women in Antiquity; Grade Method: REG/AUD. — 3 credits

0101	Th.....6:00pm- 8:40pm (HBK 1108)	Hallett, J

CLAS699 (PermReq) Independent Study in Classical Civilization; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

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CMLT Comparative Literature — (Arts and Humanities)

CMLT422 (PermReq) The Classical Tradition and Its Influence in the Middle Ages and the Renaissance; Grade Method: REG. Reading knowledge of Greek and Latin required. — 3 credits

0101	Th.....9:30am-12:00pm (TLF 2137)	Coogan, R
0201	TuTh.....2:00pm- 3:15pm (ARC 1125)	Coogan, R

CMLT430 (PermReq) Literature of the Middle Ages; Grade Method: REG/P-F/AUD. — 3 credits

0101	MWF.....1:00pm- 1:50pm (TLF 2110)	Birdsall, E
0201	MWF.....2:00pm- 2:50pm (TLF 1102)	Herman, M

CMLT433 (PermReq) Dante and the Romance Tradition; Grade Method: REG/P-F/AUD. — 3 credits

0101	MWF.....9:00am- 9:50am (JMZ 2122)	Russell, C

CMLT488A (PermReq) Genres: African-American Women Filmmakers; Grade Method: REG/P-F/AUD. — 3 credits

0101	TuTh.....3:30pm- 5:30pm (TWS 2154)	Coustaut, C

CMLT488B (PermReq) Genres: The Italian Opera Libretto in Translation; Grade Method: REG/P-F/AUD. — 3 credits

0101	MWF.....10:00am-10:50am (JMZ 2125)	Russell, C

CMLT488C (PermReq) Genres: Italian Cinema: A Cultural Approach; Grade Method: REG/P-F/AUD. — 3 credits

0101	MW.....2:00pm- 4:00pm (JMZ 0105)	Falvo, G

CMLT488D (PermReq) Genres: English Drama from 1660-1800; Grade Method: REG/P-F/AUD. — 3 credits

0101	TuTh.....12:30pm- 1:45pm (TLF 2126)	Winton, C

CMLT488E (PermReq) Genres: Literary Criticism; Grade Method: REG. — 3 credits

0101	TuTh.....9:30am-10:45am (TLF 1102)	Ray, S
0201	TuTh.....12:30pm- 1:45pm (TLF 1104)	Trousdale, M

CMLT488F (PermReq) Genres: Modern Drama; Grade Method: REG/P-F/AUD. — 3 credits

0101	TuTh.....4:00pm- 5:15pm (KEY 0125)	Freedman, M

CMLT488G (PermReq) Genres: The English Novel; Grade Method: REG/P-F/AUD. — 3 credits

0101	MWF.....1:00pm- 1:50pm (TLF 1101)	Carretta, V

CMLT488I (PermReq) Genres: The Modern Novel; Grade Method: REG/P-F/AUD. — 3 credits

0101	MWF.....1:00pm- 1:50pm (KEY 0121)	Kleine, D

CMLT488L (PermReq) Genres: Modern British and American Poetry; Grade Method: REG/P-F/AUD. — 3 credits

0101	TuTh.....9:30am-10:45am (TLF 1101)	Loizeaux, E

CMLT488N (PermReq) Genres: Black Autobiography; Grade Method: REG/P-F/AUD. — 3 credits

0101	MWF.....1:00pm- 1:50pm (TLF 1104)	Asres, A

CMLT488W (PermReq) Genres: Structure and Analysis of Art; Grade Method: REG/P-F/AUD. — 3 credits

0101	TuTh.....9:30am-10:45am (ASY 3211)	Burnham, J

CMLT498A (PermReq) Major Writers: Henry James and Gertrude Stein; Grade Method: REG/P-F/AUD. — 3 credits

0101	MWF.....11:00am-11:50am (KEY 0120)	Caramello, C

CMLT498A (PermReq) Selected Topics in Comparative Literature: History of Theatrical Theory and Criticism; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....11:00am-12:15pm (TWS 2228) Meersman, R

CMLT498G (PermReq) Selected Topics in Comparative Literature: Sociology of the Arts; Grade Method: REG/P-F/AUD. — 3 credits
0101 MWF.....9:00am- 9:50am (ARC 1101) Clignet, R

CMLT498I (PermReq) Selected Topics in Comparative Literature: Film Criticism and Theory; Grade Method: REG/P-F/AUD. — 3 credits
0101 WF.....2:00pm- 4:00pm (TWS 0131) Marchetti, G

CMLT498K (PermReq) Selected Topics in Comparative Literature: Women as Authors and Characters in Brazilian Fiction; Grade Method: REG/P-F/AUD. — 3 credits
0101 MWF.....10:00am-10:50am (ARC 1127) Igel, R

CMLT498M (PermReq) Selected Topics in Comparative Literature: Philosophy of Art; Grade Method: REG/AUD. — 3 credits
0101 TuTh.....11:00am-11:50am (CMH 1402) Levinson, J
F.....1:00pm- 1:50pm (LEF 1208) DIS
0102 TuTh.....11:00am-11:50am (CMH 1402) STAFF
Th.....1:00pm- 1:50pm (JMZ 0118) DIS
0103 TuTh.....11:00am-11:50am (CMH 1402) STAFF
Th.....2:00pm- 2:50pm (JMZ 2207) DIS

CMLT498O (PermReq) Selected Topics in Comparative Literature: Yiddish Literature in Translation: The Holocaust in Literature and Film; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....2:00pm- 4:00pm (JMZ 0220) Bilik, D

CMLT498P (PermReq) Selected Topics in Comparative Literature: Topics in German Culture: Reason and Faith; Grade Method: REG/P-F/AUD. — 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 3203) Best, O

CMLT498R (PermReq) Selected Topics in Comparative Literature: Fiction in Film; Grade Method: REG/P-F/AUD. — 3 credits
0101 Tu.....1:00pm- 4:00pm (JMZ 0103) Isaacs, N

CMLT498S (PermReq) Selected Topics in Comparative Literature: Film Analysis - The Rhetoric of Fictional Worlds; Grade Method: REG. — 3 credits
0101 M.....6:30pm-10:00pm (KEY 0106) Miller, J

CMLT498T (PermReq) Selected Topics in Comparative Literature: Melodrama and Existential Crisis: Films of Hitchcock; Grade Method: REG. — 3 credits
0101 W.....6:30pm-10:00pm (KEY 0106) Miller, J

CMLT498V (PermReq) Selected Topics in Comparative Literature: Traditional Chinese Fiction; Grade Method: REG/P-F/AUD. — 3 credits
0101 MWF.....11:00am-11:50am (COL 3112) Wang, J

CMLT498X (PermReq) Selected Topics in Comparative Literature: Twentieth-Century Art; Grade Method: REG/P-F/AUD. — 3 credits
0101 MWF.....12:00pm-12:50pm (ASY 2309) Withers, J

CMLT498Y (PermReq) Selected Topics in Comparative Literature: Cultural Themes in America: Culture and Mental Disorders in America; Grade Method: REG/AUD. — 3 credits
0101 TuTh.....9:30am-10:45am (TLF 2126) Caughey, J

CMLT632 (PermReq) The Medieval Romance; Grade Method: REG/AUD. — 3 credits
0101 Tu.....3:30pm- 6:00pm (TLF 0135) Coletti, T

CMLT639C (PermReq) Studies in the Renaissance: Readings in Seventeenth-Century English Literature; Grade Method: REG/AUD. — 3 credits
0101 W.....6:30pm- 9:00pm (TLF 1104) Grossman, M

CMLT639E (PermReq) Studies in the Renaissance: Seminar in Seventeenth-Century Northern European Art; Grade Method: REG/AUD. — 3 credits
0101 M.....3:30pm- 6:00pm (ASY 4304) Wheelock Jr., A

CMLT649A (PermReq) Studies in Eighteenth Century Literature: La Comedie Demoliere A Musset; Grade Method: REG/AUD. — 3 credits
0101 M.....2:00pm- 4:30pm (JMZ 3120) Therrien, M

CMLT649B (PermReq) Studies in Eighteenth Century Literature: Research in the English Stage and Drama, 1660-1800; Grade Method: REG/AUD. — 3 credits
0101 Th.....6:30pm- 9:00pm (TLF 3100) Winton, C

CMLT679A (PermReq) Seminar in Modern and Contemporary Literature: The American Theatre; Grade Method: REG/AUD. — 3 credits
0101 W.....4:00pm- 6:30pm (TWS 0135) Gillespie, P

CMLT679B (PermReq) Seminar in Modern and Contemporary Literature: La novela espanola; Grade Method: REG/AUD. — 3 credits
0101 Th.....4:30pm- 7:00pm (JMZ 1226) Naharro-Caldero

CMLT679C (PermReq) Seminar in Modern and Contemporary Literature: Great Books in Political Economy; Grade Method: REG/AUD. — 3 credits
0101 M.....3:30pm- 6:10pm (ASY 1117) Falk, W

CMLT679D (PermReq) Seminar in Modern and Contemporary Literature: Development of European and American Sociological Theory; Grade Method: REG/AUD. — 3 credits
0101 M.....6:30pm- 9:10pm (ASY 1117) Ritzer, G

CMLT679E (PermReq) Seminar in Modern and Contemporary Literature: The Sociology of Knowledge; Grade Method: REG/AUD. — 3 credits
0101 Th.....6:30pm- 9:10pm (ASY 4111) Brown, R

CMLT679F (PermReq) Seminar in Modern and Contemporary Literature: Intertextuality: Wenders and American Cinema; Grade Method: REG/AUD. — 3 credits
0101 M.....3:00pm- 7:00pm (TWS 0154) Kolker, R

CMLT679G (PermReq) Seminar in Modern and Contemporary Literature: Twentieth Century Analytic Philosophy; Grade Method: REG. — 3 credits
0101 MW.....12:30pm- 1:45pm (JMP 1109) Odell, S

CMLT679K (PermReq) Seminar in Modern and Contemporary Literature: Nietzsche - Marx - Brecht; Grade Method: REG/AUD. — 3 credits
0101 W.....5:00pm- 7:40pm (JMZ 3207) Best, O

CMLT679L (PermReq) Seminar in Modern and Contemporary Literature: African-American Autobiography; Grade Method: REG/AUD. — 3 credits
0101 M.....6:30pm- 9:00pm (TLF 0135) Fry, G

CMLT679M (PermReq) Seminar in Modern and Contemporary Literature: The Bible and Contemporary Literary Theory; Grade Method: REG/AUD. — 3 credits
0101 M.....3:30pm- 6:00pm (TLF 3100) Handelman, S

CMLT679N (PermReq) Seminar in Modern and Contemporary Literature: Conrad, Woolf, Lawrence, and Forster; Grade Method: REG/AUD. — 3 credits
0101 M.....6:30pm- 9:00pm (TLF 3100) Panichas, G

CMLT679O (PermReq) Seminar in Modern and Contemporary Literature: Modernism; Grade Method: REG/AUD. — 3 credits
0101 Tu.....6:30pm- 9:00pm (TLF 3100) Holton, M

CMLT679P (PermReq) Seminar in Modern and Contemporary Literature: Literary Research and Critical Contexts; Grade Method: REG/AUD. — 3 credits
0101 M.....6:30pm- 9:00pm (TLF 2137) Wang, O
0201 W.....1:00pm- 3:30pm (TLF 0135) Kauffman, L
0301 Th.....6:30pm- 9:00pm (TLF 2137) Leonardi, S
0401 Tu.....6:30pm- 9:00pm (TLF 0135) Auerbach, J
0601 W.....5:00pm- 7:30pm (TLF 0103) Turner, M

CMLT679Q Seminar in Modern and Contemporary Literature: Rhetoric and Poetry; Grade Method: REG/AUD. Course will meet in Room 4223 Jimenez from 6:30pm to 9:30pm on September 11, 12, 17, 18, 19, 24, 25, and 26. — 3 credits
0101 Time and room to be arranged Brinker, M

CMLT679R Seminar in Modern and Contemporary Literature: End of History?; Grade Method: REG/AUD. Course will meet in Room 4223 Jimenez Hall from 6:30pm to 9:30pm on November 19, 20, 21, 26, 27, 28 and December 3, 4, and 5. — 3 credits
0101 Time and room to be arranged Beneyto-Perez,

CMLT679S (PermReq) Seminar in Modern and Contemporary Literature: Cultural Theory in American Studies; Grade Method: REG/AUD. — 3 credits
0101 M.....4:00pm- 6:40pm (TLF 2110) Lounsbury, M

CMLT679T (PermReq) Seminar in Modern and Contemporary Literature: The Moving Image and the Historical Text; Grade Method: REG/AUD. Course meets in Room 308, Hartwick Building (4321 Hartwick Rd., off Baltimore Boulevard, just south of the main campus). — 3 credits
0101 W.....4:00pm- 6:00pm (Arranged) Gilcher, W

CMLT682 (PermReq) Literary Criticism: Renaissance and Modern; Grade Method: REG/AUD. — 3 credits
0101 M.....1:00pm- 3:30pm (TLF 0135) Caramello, C

CMLT799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

CMLT801 (PermReq) Seminar in Themes and Types; Grade Method: REG/AUD. Hermeneutics of the image, the visible and the visual. — 3 credits
0101 M.....2:00pm- 4:00pm (JMZ 4223) Heyndels, R
Time and room to be arranged DIS

CMLT899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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CMSC Computer Science (Comp, Math, & Phys Sci)

New courses offered for Fall, 1990 are CMSC 251 and a revised CMSC 400. See course listings below for further information on these courses. For Fall, 1990, there are also changes in some prerequisite and major requirements. Students who officially entered the Computer Science Major at UMCP prior to Fall, 1990 and transfer students who enter a Maryland community college by Fall, 1990 and transfer to UMCP no later than Spring, 1993 under the articulated transfer program may continue to meet the older graduation requirements. Specific information on the new and the old prerequisites appears under individual courses where necessary. Please consult with Department of Computer Science advisors (454-2002) if you have any questions about the new courses, requirements or prerequisites. New prerequisites will be enforced beginning Fall, 1991.

CMSC103 Introduction to Computing; Grade Method: REG/P-F/AUD. m — 3 credits
0101 MWF.....12:00pm-12:50pm (CLB 0111) Kaye, G
0201 MWF.....1:00pm- 1:50pm (CLB 0111) Kaye, G
0301 MWF.....9:00am- 9:50am (CLB 0111) STAFF
0401 TuTh.....11:00am-12:15pm (CSS 2324) Preston, D

CMSC110 Introduction to Fortran Programming; Grade Method: REG/P-F/AUD. CMSC majors need CMSC 112. — 4 credits
0101 TuTh.....9:30am-10:45am (CSS 2324) Williams, J
MW.....10:00am-10:50am (CSS 2330) DIS
0102 TuTh.....9:30am-10:45am (CSS 2324) Williams, J
MW.....11:00am-11:50am (CSS 2330) DIS
0103 TuTh.....9:30am-10:45am (CSS 2324) Williams, J
MW.....12:00pm-12:50pm (CSS 2330) DIS

CMSC112 Computer Science I; Grade Method: REG/P-F/AUD. Pre- or corequisite: MATH 140. All sections of CMSC 112 will have group tests and a group final exam. Where a CMSC exam conflicts with another regularly scheduled class, the student will be provided with a make-up exam. — 4 credits
0101 MWF.....10:00am-10:50am (CLB 0111) Amir, A
WF.....1:00pm- 1:50pm (CSS 2352) LAB
0102 MWF.....10:00am-10:50am (CLB 0111) Amir, A
WF.....1:00pm- 1:50pm (CSS 2330) LAB
0103 MWF.....10:00am-10:50am (CLB 0111) Amir, A
WF.....2:00pm- 2:50pm (CSS 2352) LAB
0104 MWF.....10:00am-10:50am (CLB 0111) Amir, A
WF.....2:00pm- 2:50pm (CSS 2330) LAB
0201 TuTh.....11:00am-12:15pm (CLB 0111) Subrahmanian, V
WF.....2:00pm- 2:50pm (CLB 0102) LAB
0202 TuTh.....11:00am-12:15pm (CLB 0111) Subrahmanian, V
WF.....2:00pm- 2:50pm (CLB 0109) LAB
0203 TuTh.....11:00am-12:15pm (CLB 0111) Subrahmanian, V
WF.....3:00pm- 3:50pm (CLB 0102) LAB
0204 TuTh.....11:00am-12:15pm (CLB 0111) Subrahmanian, V
WF.....3:00pm- 3:50pm (CLB 0109) LAB

CMSC113 Computer Science II; Grade Method: REG/P-F/AUD. CORE Distributive Studies Math or Formal Reasoning Laboratory Course. Prerequisites: a grade of C or better in CMSC 150; and (a grade of C or better in CMSC 112 or permission of department based on satisfactory performance on the computer science placement exam). Corequisite: MATH 141. Credit will be granted for only one of the following: CMSC 113 and CMSC 120. All sections of CMSC 113 will have group tests and a group final exam. Where a CMSC exam conflicts with another regularly scheduled class, the student will be provided with a make-up exam. — 4 credits
0101 TuTh.....2:00pm- 3:15pm (CLB 0111) Stewart, G
WF.....12:00pm-12:50pm (CLB 0102) LAB
0103 TuTh.....2:00pm- 3:15pm (CLB 0111) Stewart, G
WF.....1:00pm- 1:50pm (CLB 0102) LAB
0201 TuTh.....2:00pm- 3:15pm (CHM 0115) Kaye, G
WF.....12:00pm-12:50pm (CLB 0109) LAB
0202 TuTh.....2:00pm- 3:15pm (CHM 0115) Kaye, G
WF.....1:00pm- 1:50pm (CLB 0109) LAB

CMSC120 Introduction to Pascal Programming; Grade Method: REG/P-F/AUD. Credit will be granted for only one of the following: CMSC 113 and CMSC 120. — 4 credits
0101 TuTh.....8:00am- 9:15am (CSS 2330) Williams, J
WF.....9:00am- 9:50am (CSS 2330) DIS

CMSC150 Introduction to Discrete Structures; Grade Method: REG/P-F/AUD. CORE Distributive Studies Math or Formal Reasoning Course. Pre- or corequisite: MATH 140. Formerly CMSC 250. All sections of CMSC 150 will have group tests and a group final exam. Where a CMSC exam conflicts with another regularly scheduled class, the student will be provided with a make-up exam. — 3 credits
0101 TuTh.....5:00pm- 6:15pm (CLB 0111) Kanal, L
0201 TuTh.....12:30pm- 1:45pm (CLB 0111) Reggia, J

CMSC211 Assembly Language Programming; Grade Method: REG/P-F/AUD. Prerequisite: CMSC 113 or CMSC 120. — 3 credits
0101 TuTh.....2:00pm- 2:50pm (CSS 2352) STAFF
MW.....10:00am-10:50am (CHE 2145) DIS

CMSC220 Introduction to File Processing; Grade Method: REG/P-F/AUD. Prerequisite: CMSC 113 or CMSC 120. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (CSS 2324) STAFF

CMSC251 Algorithms; Grade Method: REG/P-F/AUD. Prerequisite: CMSC 112; and CMSC 150; and MATH 140; a grade of C or better in CMSC 150 and CMSC 112. New requirement. Students who officially entered the Computer Science Major at UMCP prior to Fall, 1990 and transfer students who enter a Maryland community college by Fall, 1990 and transfer to UMCP no later than Spring 1993 under the articulated transfer program are not required to complete this course. The course is, however, recommended for students under the old requirements. — 3 credits
0101 TuTh.....8:30am-10:45am (CLB 0111) Mount, D

CMSC311 Computer Organization; Grade Method: REG/P-F/AUD. Prerequisite: CMSC 280 with a grade of C or better. New prerequisite shown. Students satisfying the old prerequisite, CMSC 113, will be admitted to the course Fall, 1990 or Spring, 1991. — 3 credits
0101 MWF.....10:00am-10:50am (CHM 0116) Salem, K

CMSC330 Organization of Programming Languages; Grade Method: REG/P-F/AUD. Prerequisite: CMSC 113 with grade of "C" or better. — 3 credits
0101 MWF.....11:00am-11:50am (CLB 0111) Purtilo, J
F.....1:00pm- 1:50pm (CLB 0104) DIS
0102 MWF.....11:00am-11:50am (CLB 0111) Purtilo, J
F.....2:00pm- 2:50pm (CLB 0104) DIS
0201 TuTh.....2:00pm- 3:15pm (CSS 2324) Furuta, R
M.....12:00pm-12:50pm (CLB 0102) DIS
0202 TuTh.....2:00pm- 3:15pm (CSS 2324) Furuta, R
M.....1:00pm- 1:50pm (CLB 0102) DIS

CMSC388 (PermReq) Field Work; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: written permission of instructor must be obtained in advance on departmental form. — 1 credit

CMSC387 (PermReq) Field Work Analysis; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: written permission of instructor must be obtained in advance on department form. — 2 credits

CMSC390 (PermReq) Honors Paper; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: admission to CMSC Honors Program. — 3 credits

CMSC400 (PermReq) Introduction to Computer Systems and Software; Grade Method: REG/P-F/AUD. Prerequisite: MATH 141 and experience with a high-level programming language and (graduate standing or permission of department). Newly revised course. Course is intended primarily for graduate students in other disciplines. (CMSC 400 graduate or undergraduate program in computer science.) — 3 credits
0101 TuTh.....9:30am-10:45am (CLB 0102) Zelkowitz, M

CMSC411 (PermReq) Computer Systems Architecture; Grade Method: REG/P-F/AUD. Prerequisite: CMSC 311 or CMSC 400. — 3 credits
0101 TuTh.....9:30am-10:45am (EGR 2107) Ricart, G

CMSC412 (PermReq) Operating Systems; Grade Method: REG/P-F/AUD. Prerequisite: (CMSC 311 and CMSC 330) or CMSC 400. Recommended: CMSC 411. New prerequisites shown. Students satisfying the old prerequisite, CMSC 311, will be admitted to the course Fall, 1990 or Spring, 1991. Please note that CMSC 412 is now a 4-credit course with 3 hours of lecture and 2 hours of lab per week. — 4 credits
0201 TuTh.....11:00am-12:15pm (CHE 2110) Carson, S
MW.....11:00am-11:50am (CSS 2352) LAB
0202 TuTh.....11:00am-12:15pm (CHE 2110) Carson, S
MW.....12:00pm-12:50pm (CSS 2352) LAB

CMSC420 (PermReq) Data Structures; Grade Method: REG/P-F/AUD. Prerequisite: CMSC 251 or CMSC 400. New prerequisite shown. Students satisfying the old prerequisite, CMSC 220, will be admitted to the course Fall, 1990 or Spring, 1991. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (CLB 0102) Samet, H
0201 TuTh.....6:00pm- 7:15pm (ITV 1100) Shapiro, B

CMSC421 (PermReq) Introduction to Artificial Intelligence; Grade Method: REG/P-F/AUD. Prerequisite: CMSC 251; and CMSC 330. Recommended: CMSC 420. New prerequisites shown. Students satisfying the old prerequisites, CMSC 330 and CMSC 420, will be admitted to the course Fall 1990, or Spring 1991. — 3 credits
0101 MWF.....11:00am-11:50am (CLB 0102) Hendler, J

CMSC424 (PermReq) Database Design; Grade Method: REG/P-F/AUD. Prerequisite: CMSC 420. Recommended: CMSC 450. — 3 credits
0101 TuTh.....3:30pm- 4:45pm (CLB 0111) Sellis, T

CMSC430 (PermReq) Theory of Language Translation; Grade Method: REG/P-F/AUD. Prerequisite: CMSC 330 or CMSC 400. — 3 credits
0101 TuTh.....11:00am-12:15pm (CLB 0102) Stotts, D
0201 TuTh.....8:00am- 9:16am (ITV 1111) Barth, C

CMSC434 (PermReq) Human Factors in Computer and Information Systems; Grade Method: REG/P-F/AUD. Prerequisite: CMSC 330; and PSYC 100; and STAT 400. — 3 credits
0101 TuTh.....9:30am-10:45am (CLB 0109) Shneiderman, B

CMSC435 (PermReq) Software Design and Development; Grade Method: REG/P-F/AUD. Prerequisite: CMSC 420 and CMSC 430 or equivalent. — 3 credits
0101 TuTh.....5:00pm- 6:15pm (CLB 0102) Rombach, H

CMSC450 (PermReq) Elementary Logic and Algorithms; Grade Method: REG/P-F/AUD. Prerequisite: MATH 240. Also offered as MATH 444. Credit will be granted for only one of the following: MATH 444 or CMSC 450. — 3 credits
0101 MWF.....9:00am- 9:50am (MTH 0401) Owings Jr., J
0201 TuTh.....8:00am- 9:15am (MTH 0407) Lopez-Escobar,
0301 TuTh.....2:00pm- 3:15pm (EGR 2107) Edmundson, H

CMSC451 (PermReq) Design and Analysis of Computer Algorithms; Grade Method: REG/P-F/AUD. Prerequisites: CMSC 113; and CMSC 251. New prerequisites shown. Students satisfying the old prerequisites, CMSC 113 and (CMSC 150 or CMSC 250), will be admitted to the course Fall, 1990 or Spring, 1991. — 3 credits
0101 MWF.....10:00am-10:50am (CLB 0104) Smith, C
0201 MWF.....11:00am-11:50am (CLB 0104) Amir, A

CMSC452 (PermReq) Elementary Theory of Computation; Grade Method: REG/P-F/AUD. Prerequisites: CMSC 113; and CMSC 251. New prerequisites shown. Students satisfying the old prerequisites, CMSC 113 and (CMSC 150 or CMSC 250), will be admitted to the course Fall, 1990 or Spring, 1991. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (CLB 0104) Miller, R

CMSC460 Computational Methods; Grade Method: — 3 credits

(PermRe REG/P-F/AUD. Prerequisite: MATH 240 and MATH 241; and (CMSC 110 or CMSC 113). Also offered as MAPL 460. Credit will be granted for only one of the following: CMSC/MAPL 460 or CMSC/MAPL 466.
0101 TuTh.....11:00am-12:15pm (MTH 0407) Glaz, H
0201 TuTh.....2:00pm- 3:15pm (CLB 0104) Oleary, D

CMSC466 (PermReq) Introduction to Numerical Analysis I; Grade Method: REG/P-F/AUD. Prerequisite: MATH 240; and MATH 241; and (CMSC 110 or equivalent). Also offered as MAPL 466. Credit will be granted for only one of the following: CMSC/MAPL 460 or CMSC/MAPL 466. — 3 credits
0101 MWF.....9:00am- 9:50am (MTH 1308) Rodriguez, R
0201 TuTh.....12:30pm- 1:45pm (MTH B0421) Glaz, H

CMSC467 Introduction to Numerical Analysis II; Grade Method: REG/P-F/AUD. Prerequisite: MAPL/CMSC 466. Also offered as MAPL 467. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (MTH 0301) Hummel, J

CMSC475 (PermReq) Combinatorics and Graph Theory; Grade Method: REG/P-F/AUD. Prerequisites: MATH 240 and MATH 241. Also offered as MATH 475. — 3 credits
0101 MWF.....11:00am-11:50am (MTH 0411) Millson, J

CMSC498A (PermReq) Special Problems in Computer Science; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: written permission of instructor required in advance on departmental form. — 1-3 credits

CMSC612 (PermReq) Computer Systems Theory; Grade Method: REG/AUD. Prerequisites: CMSC 411; and CMSC 412; and STAT 400. — 3 credits
0101 TuTh.....9:30am-10:45am (CLB 0104) Shankar, A

CMSC620 (PermReq) Problem Solving Methods in Artificial Intelligence; Grade Method: REG/AUD. Prerequisites: CMSC 420; and CMSC 450. — 3 credits
0101 TuTh.....11:00am-12:15pm (CLB 0104) Nau, D

CMSC624 (PermReq) Database Management Systems; Grade Method: REG/AUD. Prerequisite: CMSC 424 or permission of instructor. — 3 credits
0101 TuTh.....3:30pm- 4:45pm (CLB 0109) Roussopoulos, N

CMSC630 (PermReq) Theory of Programming Languages; Grade Method: REG/AUD. Prerequisite: CMSC 430. — 3 credits
0101 MW.....2:00pm- 3:15pm (CLB 0104) Pugh, W

CMSC650 (PermReq) Theory of Computing; Grade Method: REG/AUD. Prerequisite: CMSC 452. — 3 credits
0101 MW.....12:00pm- 1:15pm (CLB 0104) Gasarch, W

CMSC666 (PermReq) Numerical Analysis I; Grade Method: REG/AUD. Prerequisites: CMSC/MAPL 466; and MATH 410. Also offered as MAPL 666. — 3 credits
0101 TuTh.....3:30pm- 4:45pm (MTH 0306) Elman, H

CMSC710 (PermReq) Performance Evaluation of Computer Systems; Grade Method: REG/AUD. Prerequisite: CMSC 412, MATH 141, and STAT 400 or equivalent. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (CLB 0109) Agrawala, A

CMSC733 (PermReq) Computer Processing of Pictorial Information; Grade Method: REG/AUD. Prerequisite: CMSC 420. — 3 credits
0101 TuTh.....11:00am-12:15pm (CLB 0109) Aloimonos, J

CMSC735 (PermReq) A Quantitative Approach to Software Management and Engineering; Grade Method: REG/AUD. Prerequisites: CMSC 435; and STAT 400 or permission of instructor. — 3 credits
0101 MW.....10:00am-11:15am (CLB 0109) Basili, V

CMSC751 (PermReq) Parallel Algorithms; Grade Method: REG/AUD. Prerequisite: CMSC 451 or equivalent. — 3 credits
0101 WF.....9:30am-10:45am (CLB 0102) Kruskal, C

CMSC798A (PermReq) Graduate Seminar in Computer Science; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of instructor. — 1-3 credits

CMSC799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

CMSC818A (PermReq) Advanced Topics in Computer Systems; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of instructor. — 1-3 credits

CMSC828A (PermReq) Advanced Topics in Information Processing; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of instructor. — 1-3 credits

CMSC828F (PermReq) Advanced Topics in Information Processing: File Structures; Grade Method: REG/AUD. Prerequisites: CMSC 424 and CMSC 624 or permission of instructor. — 1-3 credits
0101 TuTh.....5:00pm- 6:15pm (CLB 0104) Faloutsos, C

CMSC828G (PermReq) Advanced Topics in Information Processing: Geographic Information Systems; Grade Method: REG/AUD. Prerequisite: CMSC 420 or permission of instructor. — 1-3 credits
0101 Tu.....4:00pm- 6:30pm (CHE 2138) Samet, H

CMSC828S (PermReq) Advanced Topics in Information Processing: Human Factors in Computer and Information Systems; Grade Method: REG/AUD. Prerequisites: CMSC 330, PSYC 100 and STAT 400 or permission of instructor. — 3 credits
0101 TuTh.....9:30am-10:45am (CLB 0109) Shneiderman, B

CMSC838A (PermReq) Advanced Topics in Programming Languages; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of instructor. — 1-3 credits

CMSC838S (PermReq) Advanced Topics in Programming Languages: Petri Net Theory and Applications; Grade Method: REG/AUD. See instructor for information. 1-3 credits
0101 Time and room to be arranged Stotts, D

CMSC858A (PermReq) Advanced Topics in Theory of Computing; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of instructor. 1-3 credits

CMSC858K (PermReq) Advanced Topics in Theory of Computing: Topics In Parallel Processing; Grade Method: REG/AUD. Prerequisite: permission of instructor. Time and room to be arranged. See instructor for information. 1-3 credits
0101 Time and room to be arranged Kruskal, C

CMSC878A (PermReq) Advanced Topics in Numerical Methods; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of instructor. 1-3 credits

CMSC899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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CNEC Consumer Economics (Human Ecology)

CNEC100 Introduction to Consumer Economics; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D Course. 3 credits
0401 TuTh.....9:30am-10:45am (MTH 1400) Hacklander, E

CNEC298A (PermReq) Special Topics: Computer Applications in Consumer Economics; Grade Method: REG/AUD. Limited to freshman and sophomores who are majors in textiles and consumer economics. 3 credits
0101 MW.....11:00am-12:50pm (MTH 2212) Pourdeyhimi, B

CNEC310 Consumer Economics and Public Policy; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. Prerequisites: ECON 201; and ECON 203. 3 credits
0101 TuTh.....2:00pm- 3:15pm (MTH 1304) Whittington, L
0201 MWF.....9:00am- 9:50am (ARM 0116) STAFF

CNEC388 (PermReq) Field Work and Analysis in Consumer Economics; Grade Method: S-F. Limited to department majors. 3-6 credits
0101 Time and room to be arranged Dardis, R

CNEC400 Research Methods; Grade Method: REG/P-F/AUD. Prerequisite: MATH 110 or MATH 115. Not open to students who have completed TEXT 400 or BMGT 230. 3 credits
0101 MWF.....10:00am-10:50am (MTH 0108) STAFF

CNEC410 Consumer Finance; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. Prerequisites: ECON 201; and ECON 203. Not open to students who have completed FMCD 441. 3 credits
0101 MWF.....11:00am-11:50am (MTH 1304) Soberon-Ferrer,
0201 MWF.....9:00am- 9:50am (TLF 0101) Soberon-Ferrer,

CNEC431 The Consumer and the Law; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. Limited to juniors and seniors only. 3 credits
0101 M.....6:00pm- 8:30pm (MTH 1400) Jakitsch, R
0301 Tu.....6:00pm- 8:30pm (MTH 1400) Goldberg, F
0401 W.....6:30pm- 9:00pm (MTH 1400) Ensor, B
0601 Th.....3:30pm- 6:00pm (MTH 1400) Brannigan, V

CNEC435 Economics of Consumption; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. Prerequisites: [ECON 201; and ECON 203] or [ECON 205 for non-majors]. 3 credits
0101 TuTh.....12:30pm- 1:45pm (ARM 0116) Mokhtari, M

CNEC437 Consumer Behavior; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. Prerequisites: PSYC 100; and SOCY 100. Limited to juniors and seniors only. 3 credits
0101 MWF.....8:00am- 8:50am (MTH 1304) Hacklander, E
0201 TuTh.....11:00am-12:15pm (ARM 0112) Ettenson, R

CNEC456 Product Liability and Government Regulation; Grade Method: REG/P-F/AUD. Prerequisite: CNEC 431 or permission of department. Course will not be offered in spring semester. 3 credits
0101 W.....3:00pm- 5:30pm (MTH 1304) Brannigan, V

CNEC488 (PermReq) Senior Honors Thesis; Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number. Limited to students in the Departmental Honors Program. 1-4 credits

CNEC498 (PermReq) Special Studies; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 2-4 credits

CNEC498A Special Studies: Economics of the Family; Grade Method: REG/P-F/AUD. Prerequisites: ECON 201 and ECON 203 or permission of the instructor. 3 credits
0101 TuTh.....9:30am-10:45am (ARM 0112) Whitting on, L

CNEC498B Special Studies: Current Issues in Consumer Economics; Grade Method: REG/P-F/AUD. 3 credits
0101 Tu.....6:00pm- 8:30pm (SYM 1308) Brobeck S

COOP Cooperative Education Program (Undergraduate Studies)

COOP098 Co-Op Work Experience I; Grade Method: S-F. Student must register for COOP 099 concurrently. Permission of Co-op Coordinator required. Obtain signature and more information at Experiential Learning Programs, 0119 Hornbake Library. For special fees, see the Financial Information section of the Schedule of Classes. No credit
0101 Time and room to be arranged Martin, T

COOP099 Co-Op Work Experience II; Grade Method: S-F. Student must register for COOP 098 concurrently. Permission of Co-op co-ordinator required. Obtain signature and more information at Experiential Learning Programs, 0119 Hornbake Library. For special fees see the Financial Information section of the Schedule of Classes. No credit
0101 Time and room to be arranged Martin, T

CRIM Criminology (Behavior & Social Sci)

CRIM220 Criminology; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D Course. 3 credits
0101 TuTh.....11:00am-12:15pm (SHM 2102) Katzenelson, S
0201 MWF.....1:00pm- 1:50pm (TLF 0124) Cottey, T
0301 MWF.....11:00am-11:50am (SHM 2102) Cottey, T

CRIM350 (PermReq) Field Training in Criminology and Corrections; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisites: CRIM 220 and CRIM 450, majors only, and permission of department. 1-6 credits

CRIM360 Victimology; Grade Method: REG. Prerequisite: CRIM 220 or permission of department. 3 credits
0101 TuTh.....2:00pm- 3:15pm (LEF 2208) Miller, S

CRIM386 (PermReq) Field Work; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Have junior standing by Aug 1989, have a 3.2 cumulative GPA, earned a grade of "A" in the course in which assisting. 1-3 credits

CRIM387 (PermReq) Field Work Analysis; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: Have junior standing by Aug 1989, have a 3.2 cumulative GPA, earned a grade of 'A' in the course in which assisting. 1-3 credits

CRIM388H (PermReq) Independent Reading Course in Criminology: Independant Reading in Criminology; Grade Method: REG. For honor students only. 3 credits
0101 W.....3:00pm- 4:30pm (LEF 2220R) Wellford, C
Time and room to be arranged DIS

0501 W.....3:00pm- 4:30pm (LEF 2220R) Ingraham, B
Time and room to be arranged DIS

CRIM389H (PermReq) Independent Research in Criminology; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: for honors students only. 3 credits

CRIM399 (PermReq) Independent Study in Criminology; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: written consent of faculty under whose direction the study is to be performed, and at least twelve hours of criminology credits. 1-3 credits

CRIM450 Juvenile Delinquency; Grade Method: REG/P-F/AUD. Prerequisite: CRIM 220. 3 credits
0101 MWF.....10:00am-10:50am (TLF 0124) Paternoster, R
0301 MWF.....2:00pm- 2:50pm (TYD 1101) Paternoster, R

CRIM451 Crime and Delinquency Prevention; Grade Method: REG/P-F/AUD. Prerequisite: CRIM 220 or CRIM 450 or permission of department. 3 credits
0101 MWF.....9:00am- 9:50am (LEF 2166) Siman, B

CRIM452 Treatment of Criminals and Delinquents; Grade Method: REG/P-F/AUD. Prerequisite: CRIM 220 or CRIM 450 or permission of department. 3 credits
0101 TuTh.....9:30am-10:45am (ARM 0110) Maida, P

CRIM454 Contemporary Criminological Theory; Grade Method: REG/P-F/AUD. Prerequisite: [CRIM 220; and CRIM 450; and CRIM 451] or [CRIM 452 or CRIM 453]. 3 credits
0101 TuTh.....12:30pm- 1:45pm (LEF 2208) Maida, P

CRIM456 White Collar and Organized Crime; Grade Method: REG/P-F/AUD. Prerequisite: CRIM 220 or CRIM 450. 3 credits
0101 TuTh.....9:30am-10:45am (COL 3109) Simpson, S

CRIM498D Selected Topics in Criminology: Fundamental for Criminological Research; Grade Method: REG. 3 credits
0101 W.....4:00pm- 6:45pm (LEF 1220) Smith, D
Prerequisite: must have completed research methods and statistics requirements for the MA degree.

CRIM610 Research Methods in Criminal Justice and Criminology; Grade Method: REG/AUD. Prerequisite: completion of research methods and statistics requirements for the M.A. Degree. 3 credits
0101 Th.....4:00pm- 6:45pm (LEF 1220) Gottfredson, D

CRIM698 (PermReq) Special Criminological Problems; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

CRIM799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

CRIM899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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DANC Dance (Arts and Humanities)

DANC100 Modern Dance I for Non-Majors; Grade Method: REG/P-F/AUD. 2 credits
0101 MWF.....12:00pm-12:50pm (PKT 2102) LAB McDonald, A
0102 MWF.....1:00pm- 1:50pm (PKT 2102) LAB McDonald, A
0103 MWF.....2:00pm- 2:50pm (PKT 2102) LAB Jackson, P
0104 TuTh.....8:30am-10:45am (PKT 2102) LAB Rolland, E
0105 TuTh.....5:00pm- 6:15pm (PKT 2102) LAB Mayes, A

DANC102 Rhythmic Training For Dance; Grade Method: REG/P-F/AUD. Majors have priority. Non-majors admitted on a space available basis. 2 credits
0101 TuTh.....9:30am-10:45am (TEE 1115) LAB Johnson, I

DANC104 Modern Dance II for Non-Majors; Grade Method: REG/P-F/AUD. Prerequisite: DANC 100. 2 credits
0101 TuTh.....12:30pm- 1:45pm (TEE 1115) LAB Ginsburg, A

DANC109 Improvisation I; Grade Method: REG/P-F/AUD. Majors have priority. Non-majors admitted on a space available basis. 2 credits
0101 TuTh.....11:00am-12:15pm (TEE 1115) LAB Rosen, M

DANC124 Ballet I for Non-Majors; Grade Method: REG/P-F/AUD. 2 credits
0101 MWF.....9:00am- 9:50am (PKT 2102) LAB Druker, S
0102 MWF.....10:00am-10:50am (PKT 2102) LAB Druker, S
0103 MWF.....11:00am-11:50am (PKT 2102) LAB Druker, S

DANC127 Ballet II for Non-Majors; Grade Method: REG/P-F/AUD. Prerequisite: DANC 124 or audition. 2 credits
0101 TuTh.....9:30am-10:45am (TAA 1103) LAB Druker, S

DANC138 Introduction to Ethnic Dance: Introduction to Ethnic Dance: West African; Grade Method: REG/P-F/AUD. 2 credits
0101 TuTh.....6:30pm- 7:45pm (PKT 2102) LAB Frosch-Schroder

DANC154 Jazz I for Non-Majors; Grade Method: REG/P-F/AUD. 2 credits
0101 MWF.....10:00am-10:50am (TEE 1115) LAB Ginsburg, A
0102 TuTh.....2:00pm- 3:15pm (TEE 1115) LAB Mayes, A

DANC158 Jazz I for Majors Only; Grade Method: REG/P-F/AUD. 2 credits
0101 TuTh.....2:00pm- 3:15pm (PKT 2102) LAB Frosch-Schroder

DANC171 Movement Integration; Grade Method: REG/P-F/AUD. 2 credits
0101 MWF.....10:00am-10:50am (TAA 1103) McDonald, A

DANC199 (PermReq) Practicum in Choreography, Production and Performance I: Dance Workshop I; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-2 credits

DANC199A Practicum in Choreography, Production and Performance I: Tap Dance (Intermediate); Grade Method: REG/P-F/AUD. 2 credits
1201 TuTh.....12:30pm- 1:45pm (PKT 2102) Slater, M

DANC200 Introduction to Dance; Grade Method: REG/P-F/AUD. CORE Distributive Studies Arts Course. USP Distributive Studies Area C Course. Lecture/discussion only - no studio activity. 3 credits
0101 MWF.....11:00am-11:50am (TAA 1124) Fleitell, S
0201 MWF.....2:00pm- 2:50pm (TAA 1124) Frosch-Schroder
0301 TuTh.....11:00am-12:15pm (TAA 1124) McDonald, A
0401 TuTh.....12:30pm- 1:45pm (TAA 1124) Dunn, R
0501 TuTh.....2:00pm- 3:15pm (TAA 1124) Rosen, M

DANC208 Choreography I; Grade Method: REG/P-F/AUD. Prerequisites: DANC 102 and 109. 3 credits
0101 MWF.....2:00pm- 3:20pm (TAA 1103) LAB Dunn, R

DANC210 Dance Production; Grade Method: REG/P-F/AUD. 3 credits
0101 MWF.....3:30pm- 4:50pm (TEE 1115) Jackson, P

DANC228 Ballet I for Majors; Grade Method: REG/P-F/AUD. Prerequisite: DANC 129 or audition. 2 credits
0101 TuTh.....2:00pm- 3:15pm (TAA 1103) LAB Ginsburg, A

DANC229 Ballet II for Majors; Grade Method: REG/P-F/AUD. Prerequisite: DANC 228 or audition. 2 credits
0101 TuTh.....12:30pm- 1:45pm (TAA 1103) LAB Druker, S

DANC248 Modern Dance I for Majors; Grade Method: REG/P-F/AUD. Prerequisite: DANC 149 or audition. 3 credits
0101 MWF.....11:00am-12:20pm (TAA 1103) LAB Wiltz, A

DANC249 Modern Dance II for Majors; Grade Method: REG/P-F/AUD. 3 credits
0101 MWF.....12:30pm- 1:50pm (TAA 1103) LAB Mayes, A

DANC258 Jazz II; Grade Method: REG/P-F/AUD. Prerequisite: DANC 154 or 158 and 104 or 149. Majors have priority, non-majors admitted on a space available basis. 2 credits
0101 TuTh.....3:30pm- 4:45pm (PKT 2102) LAB Mayes, A

DANC268 Dance Notation I; Grade Method: REG/P-F/AUD. Prerequisites: DANC 102 and DANC 148. 3 credits
0101 TuTh.....11:00am-12:15pm (PKT 2102) Warren, A

DANC299 Practicum in Choreography, Production and Performance II: Dance Workshop II; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

DANC305 Principles of Teaching Dance; Grade Method: REG/P-F/AUD. Prerequisites: DANC 102, DANC 208, and DANC 248. 3 credits
0101 TuTh.....3:30pm- 4:45pm (TAA 1124) LAB Warren, A

DANC328 Ballet III; Grade Method: REG/P-F/AUD. 2 credits
0101 TuTh.....11:00am-12:15pm (TAA 1103) LAB Druker, S

DANC329 Ballet IV; Grade Method: REG/P-F/AUD. 2 credits
0101 TuTh.....11:00am-12:15pm (TAA 1103) LAB Druker, S

DANC348 Modern Dance III for Majors; Grade Method: REG/P-F/AUD. Prerequisite: DANC 249 or audition. 3 credits
0101 MWF.....11:00am-12:20pm (TEE 1115) LAB Warren, A

DANC379 (PermReq) Practicum in Dance; Grade Method: REG/P-F/AUD. 1-3 credits
0101 Time and room to be arranged Rosen, M

DANC386 (PermReq) Field Work; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

DANC387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

DANC388 Choreography III; Grade Method: REG/P-F/AUD. 3 credits
0101 MWF.....3:30pm- 4:45pm (TAA 1103) LAB Rosen, M

DANC398 (PermReq) Directed Studies in Dance; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

DANC399 (PermReq) Practicum in Choreography, Production and Performance III: Dance Workshop III; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: DANC 299. 1-2 credits

DANC448 Modern Dance V for Majors; Grade Method: REG/P-F/AUD. 3 credits
0101 MWF.....12:30pm- 1:50pm (TEE 1115) LAB Butler, E

DANC449 (PermReq) Modern Dance VI for Majors; Grade Method: REG/P-F/AUD. 3 credits
0101 MWF.....12:30pm- 1:50pm (TEE 1115) LAB Butler, E

DANC479 (PermReq) Advanced Practicum in Dance; Grade Method: REG/P-F/AUD. 1-3 credits
0101 Time and room to be arranged Rosen, M

DANC483 History of Dance II; Grade Method: REG/P-F/AUD. Prerequisite: DANC 200. 3 credits
0101 TuTh.....9:30am-10:45am (TAA 1124) Ginsburg, A

DANC489 (PermReq) Special Topics in Dance; Grade Method: REG/P-F/AUD. 1-3 credits
0101 Time and room to be arranged Rosen, M

DANC499 (PermReq) Practicum in Choreography, Production and Performance IV; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: DANC 399. 1-6 credits

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ECON Economics (Behavior & Social Sci)

ECON201 Principles of Economics I; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D Course. Credit will be granted for only one of the following: ECON 201 or ECON 205. 3 credits

0101	MWF.....9:00am- 9:50am (TYD 0101)			STAFF
0201	MWF.....8:00am- 8:50am (TYD 1128)			STAFF
0301	MWF.....12:00pm-12:50pm (TYD 2110)			STAFF
0401	TuTh.....11:00am-12:15pm (ARM 0117)			STAFF
0501	MWF.....10:00am-10:50am (TYD 1102)			STAFF
0601	MWF.....2:00pm- 2:50pm (TYD 1128)			STAFF
0701	TuTh.....8:00am- 9:15am (WDS 1114)			STAFF
0801	TuTh.....3:30pm- 4:45pm (WDS 1114)			STAFF
0901	TuTh.....2:00pm- 3:15pm (WDS 1114)			STAFF
1001	TuTh.....12:30pm- 1:45pm (TYD 2111)			STAFF
1101	MWF.....1:00pm- 1:50pm (TYD 2110)			STAFF
1201	MWF.....11:00am-11:50am (TYD 2110)			STAFF
1301	MWF.....1:00pm- 1:50pm (TYD 0101)			STAFF
1401	MWF.....3:00pm- 3:50pm (TYD 1128)			STAFF
1501	TuTh.....2:00pm- 3:15pm (ARM 0119)			STAFF
1601	TuTh.....9:30am-10:45am (WDS 0104)			STAFF
1701	TuTh.....11:00am-12:15pm (WDS 0104)			STAFF
1901	MWF.....9:00am- 9:50am (TYD 2110)			STAFF
2101	MW.....11:00am-11:50am (TYD 0130)			Dorsey, J
	W.....8:00am- 8:50am (TYD 0101)		DIS	Dorsey, J
2102	MW.....11:00am-11:50am (TYD 0130)			Dorsey, J
	M.....9:00am- 9:50am (TYD 2100)		DIS	Dorsey, J
2103	MW.....11:00am-11:50am (TYD 0130)			Dorsey, J
	W.....10:00am-10:50am (ZOP 1228)		DIS	Dorsey, J
2104	MW.....11:00am-11:50am (TYD 0130)			Dorsey, J
	F.....10:00am-10:50am (ARC 1125)		DIS	Dorsey, J
2105	MW.....11:00am-11:50am (TYD 0130)			Dorsey, J
	M.....8:00am- 8:50am (TYD 0101)		DIS	Dorsey, J
2106	MW.....11:00am-11:50am (TYD 0130)			Dorsey, J
	W.....1:00pm- 1:50pm (TYD 1132)		DIS	Dorsey, J
2107	MW.....11:00am-11:50am (TYD 0130)			Dorsey, J
	F.....11:00am-11:50am (HJP 1229)		DIS	Dorsey, J
2108	MW.....11:00am-11:50am (TYD 0130)			Dorsey, J
	F.....9:00am- 9:50am (TYD 1132)		DIS	Dorsey, J
2109	MW.....11:00am-11:50am (TYD 0130)			Dorsey, J
	F.....12:00pm-12:50pm (TYD 2100)		DIS	Dorsey, J
2110	MW.....11:00am-11:50am (TYD 0130)			Dorsey, J
	W.....8:00am- 8:50am (TYD 2100)		DIS	Dorsey, J
2111	MW.....11:00am-11:50am (TYD 0130)			Dorsey, J
	M.....12:00pm-12:50pm (TYD 2100)		DIS	Dorsey, J
2114	MW.....11:00am-11:50am (TYD 0130)			Dorsey, J
	F.....1:00pm- 1:50pm (TYD 1132)		DIS	Dorsey, J
2115	MW.....11:00am-11:50am (TYD 0130)			Dorsey, J
	M.....1:00pm- 1:50pm (ARC 1103)		DIS	Dorsey, J
2116	MW.....11:00am-11:50am (TYD 0130)			Dorsey, J
	M.....10:00am-10:50am (TYD 2100)		DIS	Dorsey, J
2119	MW.....11:00am-11:50am (TYD 0130)			Dorsey, J
	F.....11:00am-11:50am (TYD 2100)		DIS	Dorsey, J

ECON201H (PermReq) Principles of Economics I; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D Course. Credit will be granted for only one of the following: ECON 201 or ECON 205. 3 credits
0101 MWF.....10:00am-10:50am (TYD 0101) Brechling, F

ECON203 Principles of Economics II; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D Course. Recommended: ECON 201. 3 credits

0101	MWF.....12:00pm-12:50pm (TYD 0101)			STAFF
0201	MWF.....10:00am-10:50am (TYD 1128)			STAFF
0301	MWF.....1:00pm- 1:50pm (TYD 1128)			Knight, R
0401	MWF.....11:00am-11:50am (TLF 0101)			STAFF
0601	TuTh.....8:00am- 9:15am (TYD 0101)			STAFF
1001	TuTh.....3:30pm- 4:45pm (TYD 2110)			STAFF
1101	TuTh.....2:00pm- 3:15pm (WDS 0104)			Harris Jr, C
1301	MWF.....9:00am- 9:50am (TYD 1128)			Knight, R
1401	MWF.....8:00am- 8:50am (TYD 1114)			STAFF
1501	TuTh.....11:00am-12:15pm (TLF 0101)			Harris Jr, C
1601	MWF.....2:00pm- 2:50pm (TYD 2110)			STAFF
2101	TuTh.....2:00pm- 2:50pm (TYD 0130)			Wallis, J
	M.....11:00am-11:50am (TYD 2100)		DIS	Wallis, J
2102	TuTh.....2:00pm- 2:50pm (TYD 0130)			Wallis, J
	M.....12:00pm-12:50pm (TYD 1128)		DIS	Wallis, J
2105	TuTh.....2:00pm- 2:50pm (TYD 0130)			Wallis, J
	M.....1:00pm- 1:50pm (TYD 1132)		DIS	Wallis, J
2107	TuTh.....2:00pm- 2:50pm (TYD 0130)			Wallis, J
	W.....10:00am-10:50am (TYD 2100)		DIS	Wallis, J
2108	TuTh.....2:00pm- 2:50pm (TYD 0130)			Wallis, J
	F.....12:00pm-12:50pm (TYD 1128)		DIS	Wallis, J
2109	TuTh.....2:00pm- 2:50pm (TYD 0130)			Wallis, J
	W.....11:00am-11:50am (TYD 1132)		DIS	Wallis, J
2112	TuTh.....2:00pm- 2:50pm (TYD 0130)			Wallis, J
	W.....1:00pm- 1:50pm (HZF 1108)		DIS	Wallis, J
2113	TuTh.....2:00pm- 2:50pm (TYD 0130)			Wallis, J
	W.....2:00pm- 2:50pm (TYD 1114)		DIS	Wallis, J
2114	TuTh.....2:00pm- 2:50pm (TYD 0130)			Wallis, J
	F.....1:00pm- 1:50pm (TYD 2100)		DIS	Wallis, J

ECON205 Fundamentals of Economics; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D Course. Students in the College of Business and Management are required to take ECON 201 and should not take ECON 205. Not open to students who have completed ECON 201. Credit will be granted for only one of the following: ECON 201 or ECON 205. 3 credits

0701	MW.....9:00am- 9:50am (TYD 0130)			Adams, J
	Th.....2:00pm- 2:50pm (PHY 4208)		DIS	Adams, J
0703	MW.....8:00am- 9:50am (TYD 0130)			Adams, J
	F.....9:00am- 9:50am (TYD 2100)		DIS	Adams, J
0704	MW.....9:00am- 9:50am (TYD 0130)			Adams, J
	F.....12:00pm-12:50pm (JRN 1105)		DIS	Adams, J
0705	MW.....9:00am- 9:50am (TYD 0130)			Adams, J
	M.....1:00pm- 1:50pm (TYD 2100)		DIS	Adams, J
0706	MW.....9:00am- 9:50am (TYD 0130)			Adams, J
	F.....1:00pm- 1:50pm (HZF 1101)		DIS	Adams, J
0707	MW.....9:00am- 9:50am (TYD 0130)			Adams, J
	M.....11:00am-11:50am (TYD 1132)		DIS	Adams, J
0708	MW.....9:00am- 9:50am (TYD 0130)			Adams, J
	F.....10:00am-10:50am (TYD 1132)		DIS	Adams, J
0709	MW.....9:00am- 9:50am (TYD 0130)			Adams, J
	W.....10:00am-10:50am (TYD 2110)		DIS	Adams, J
0710	MW.....9:00am- 9:50am (TYD 0130)			Adams, J
	W.....1:00pm- 1:50pm (TYD 2100)		DIS	Adams, J
0712	MW.....9:00am- 9:50am (TYD 0130)			Adams, J
	F.....11:00am-11:50am (LEF 1208)		DIS	Adams, J
0713	MW.....9:00am- 9:50am (TYD 0130)			Adams, J
	F.....9:00am- 9:50am (TYD 1114)		DIS	Adams, J
0715	MW.....9:00am- 9:50am (TYD 0130)			Adams, J
	M.....10:00am-10:50am (TYD 2110)		DIS	Adams, J

GENERAL EDUCATION REQUIREMENTS WORKSHEET

This worksheet is provided to help clarify General Education requirements and ensure that students have fulfilled their General Education Requirements before applying for graduation.

CORE

These requirements apply to students who are entering UMCP after May 1990 with 8 or less credit hours, or currently registered students who have 8 credit hours or less as of May 1990. *NOTE: These courses MAY NOT be taken on a Pass/Fail basis.*

FUNDAMENTAL STUDIES — 9 Credits (see exemptions, page 21) — COURSE

- Freshman Comp — 3 credits _____
- Advanced Writing (after 56 credit hours completed) — 3 credits _____
- Math — 3 credits _____

DISTRIBUTIVE STUDIES — 28 Credits
See area listings on page 22.

Humanities & the Arts — 9 credits, 3 courses

- Literature (1 course) _____
- History or Theory of Art (1 course) _____
- One Humanities course _____

Math/Science — 10 credits, 3 courses (1 must be lab)

- Physical Science and/or Life Science (2 courses) _____ _____
- Math or Formal Reasoning (1 course) _____

Social Science — 9 credits, 3 courses

- Social or Political History (1 course) _____
- Behavioral and Social Science (2 courses) _____ _____

ADVANCED STUDIES — 6 Credits
After completion of 56 credit hours.

- Analysis of Social & Ethical Problems (1 course) _____
- One course from the following:
  Second Analysis of Social & Ethical Problems
  Development of Knowledge
  Capstone Course _____

HUMAN CULTURAL DIVERSITY

- One course _____

USP

These requirements apply to students who are entering UMCP after May 1990 with 9 or more credit hours, or currently registered students who have 9 credit hours or more as of May 1990. *These courses MAY NOT be taken on a Pass/Fail basis.* Students with 9 or more credits as of May 1990 have the option of following the USP program or the CORE program.

FUNDAMENTAL STUDIES — 9 Credits (see exemptions, page 22) — COURSE

- Freshman Comp (3 credits) _____
- Advanced Writing (after 56 credit hours completed) (3 credits) _____
- Math (3 credits) _____

DISTRIBUTIVE STUDIES — 24 Credits
See area listings on pages 22, 23.

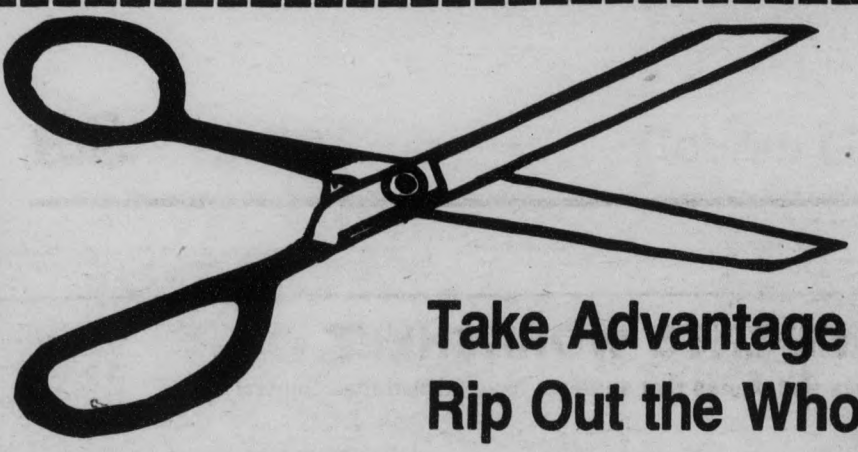
- Area A - Culture and History — 6 credits, 2 courses _____ _____
- Area B - Natural Sciences and Mathematics — 6 credits, 2 courses (1 must be lab) _____ _____
- Area C - Literature and the Arts — 6 credits, 2 courses (must be taken from 2 different departments) _____ _____
- Area D - Social and Behavioral Sciences— 6 credits, 2 courses _____ _____

ADVANCED STUDIES — 6 Credits
After completion of 56 credit hours.

- 2 courses from 2 different departments NOT in student's major
  Development of Knowledge _____
  Analysis of Human Problems _____

SEPTEMBER 17th IS THE LAST DAY TO:

- ADD A COURSE
- DROP A COURSE (WITHOUT A "W")
- CHANGE CREDIT LEVEL
- CHANGE GRADING OPTION
- APPLY FOR DECEMBER 1990 DIPLOMA
- PROCESS A LATE REGISTRATION



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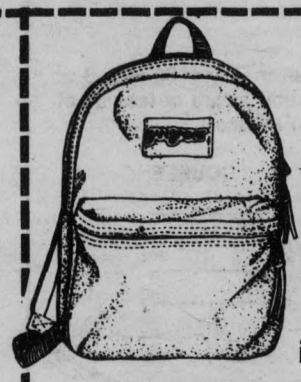

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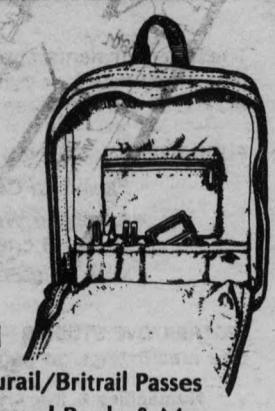

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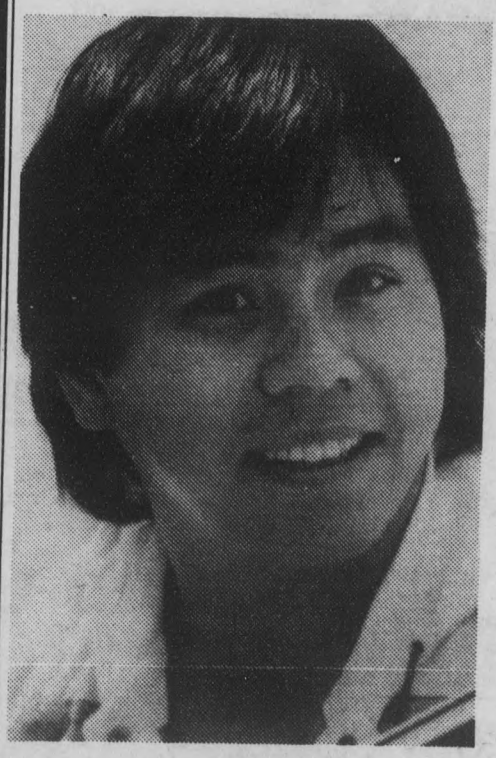

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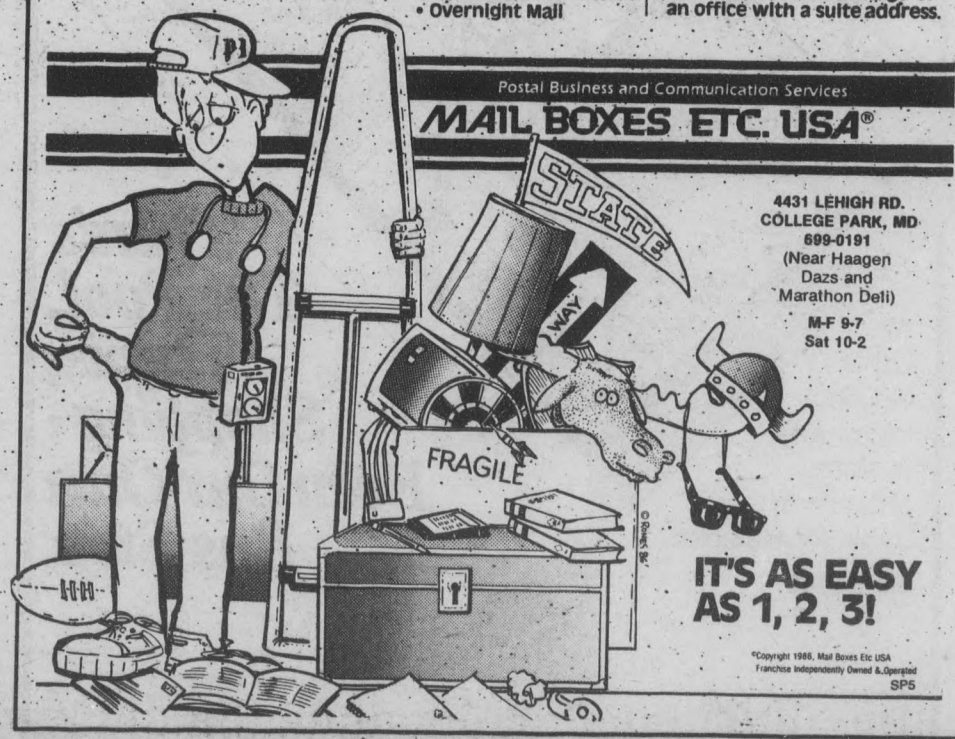

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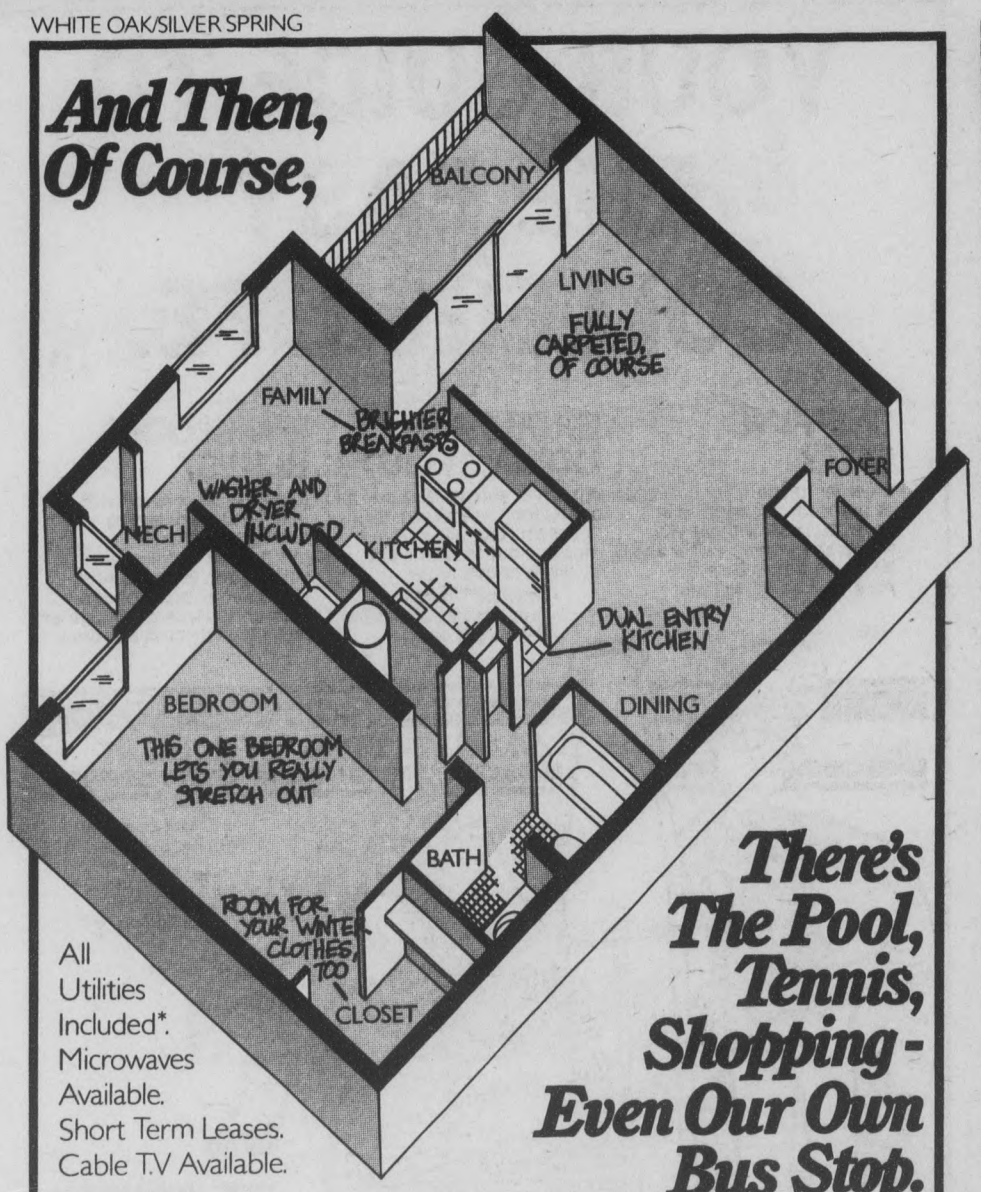

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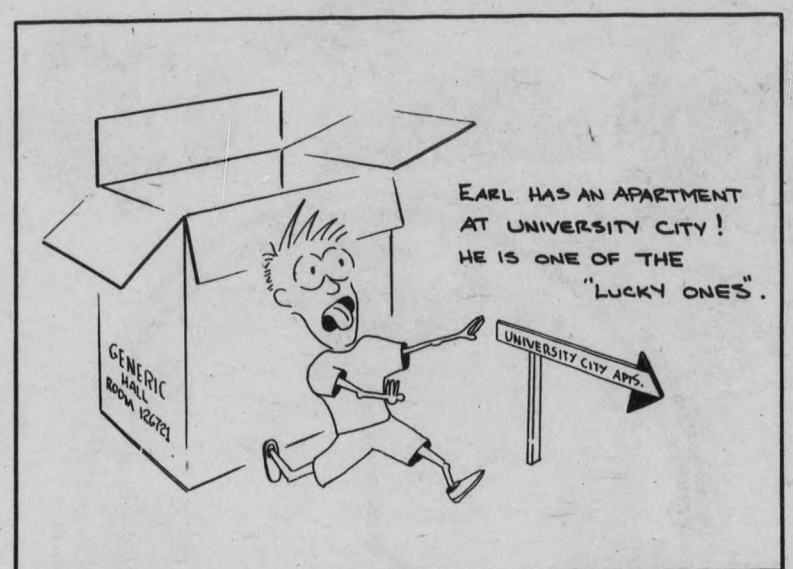

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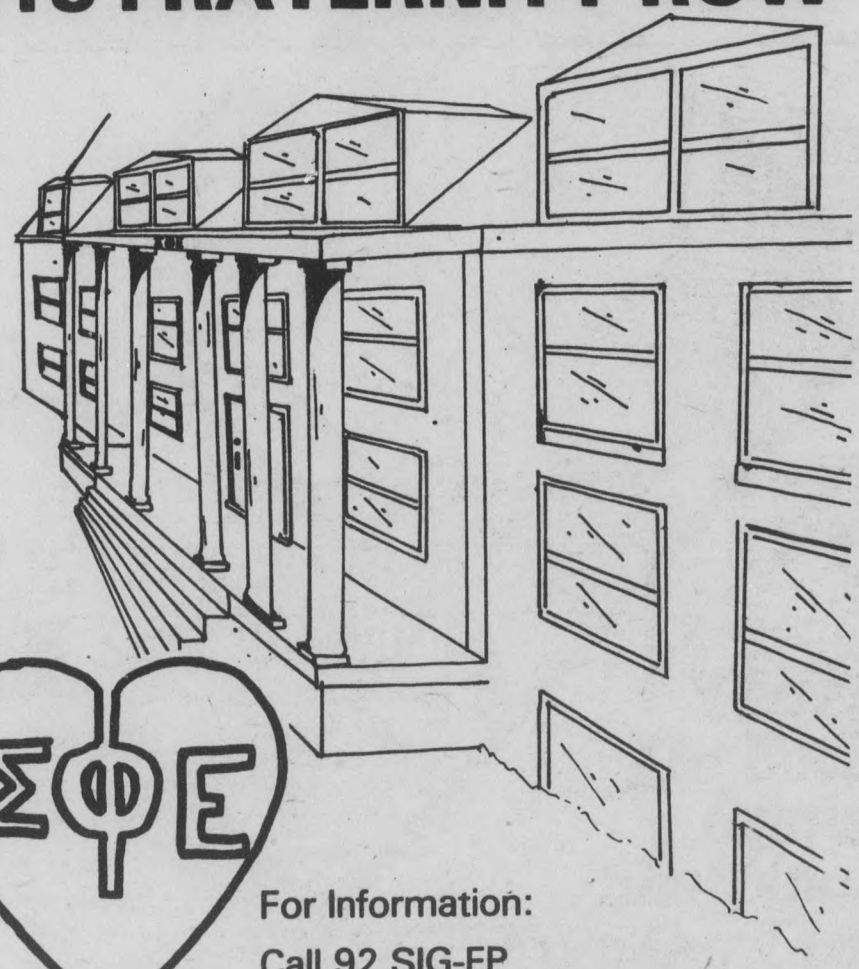

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Rush Chair: David Stollman

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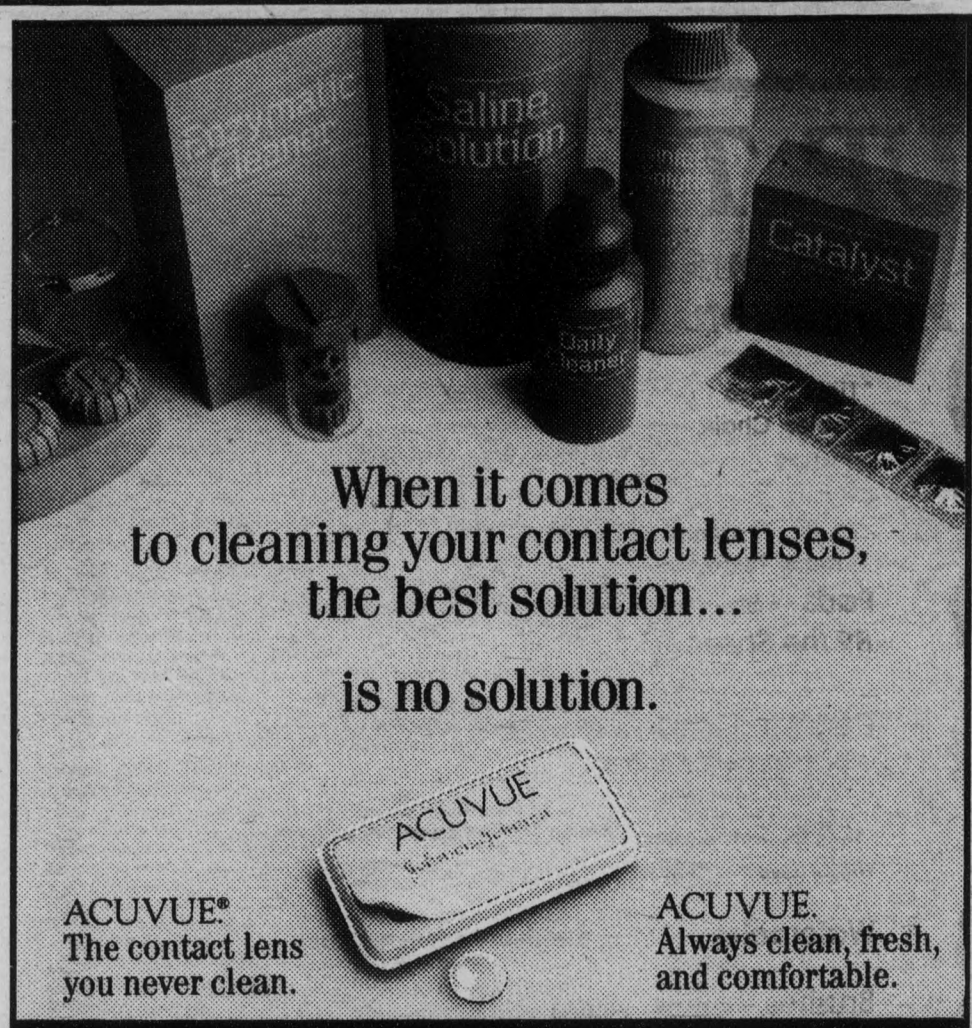

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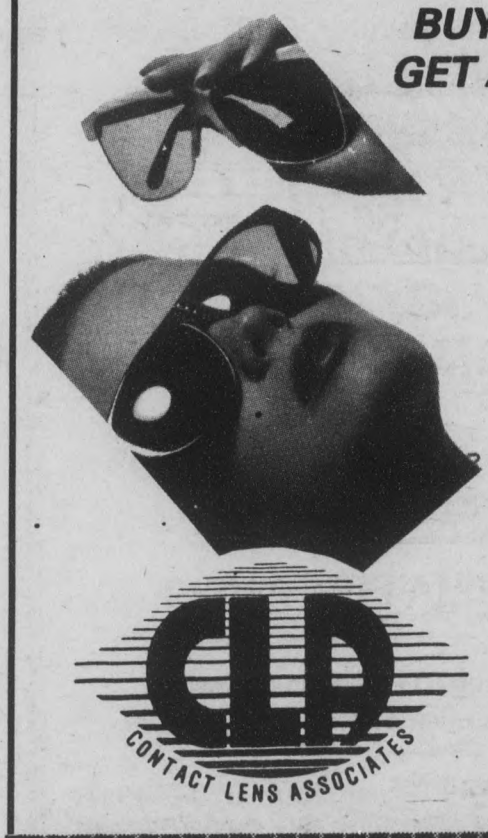

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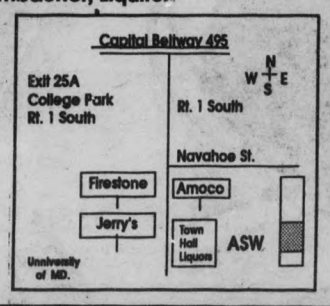

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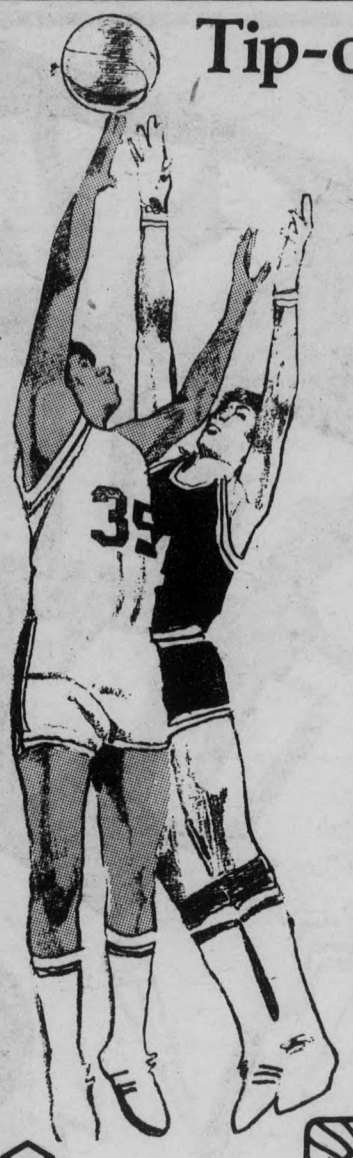

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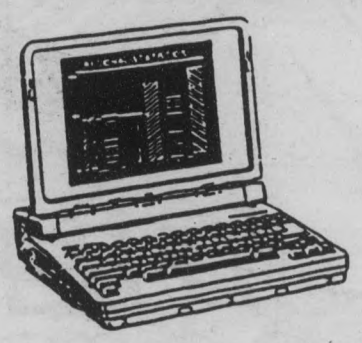

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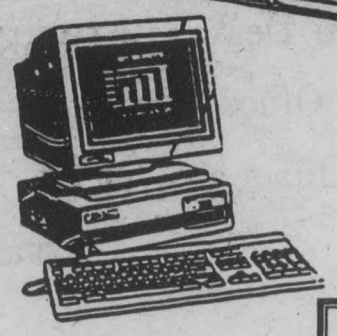

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ALPHABETICAL DIRECTORY OF BUILDINGS

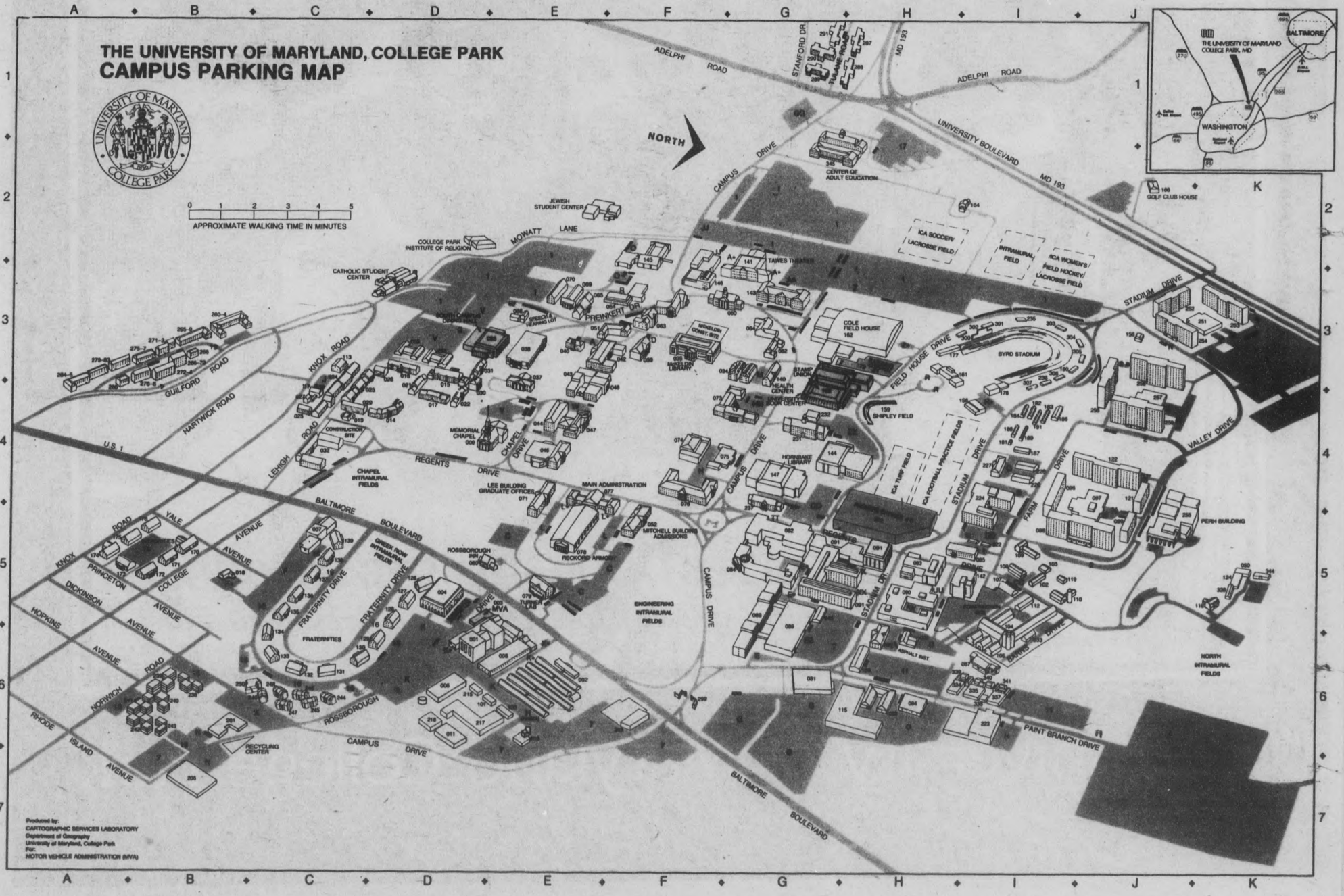
024 Allegany Hall (Dorm) C-4
108-110 Animal Barns I-5
104 Animal Sciences Annex I-5
142 Animal Sciences Bldg H-5
060 Anne Arundel Hall (Dorm) G-3
156 Apiary J-3
145 Architecture Bldg F-2
146 Art-Sociology Bldg F-3
092 Asphalt Institute H-6
115 A.V. Williams H-6
016 Baltimore Hall (Dorm) D-3
099 Bel Air Hall (Dorm) J-5
143 Benjamin Bldg. (Education) G-3
160 Byrd Stadium I-3
161 Byrd Stadium, Center Bldg. H-3
015 Calvert Hall (Dorm) D-3
096 Cambridge Hall (Dorm) I-4
343 Campus Mail Facility F-6
070 Caroline Hall (Dorm) E-3
065 Carroll Hall (Dorm) E-3
017 Cecil Hall (Dorm) D-4
345 Center of Adult Education G-2
001 Central Heating Plant D-6
206 Central Receiving Warehouse B-7
098 Centreville Hall (Dorm) J-5
025 Charles Hall (Dorm) C-4
090 Chemical and Nuclear Engineering Bldg H-5
091 Chemistry Bldg G-5
121 Chestertown Hall (Dorm) J-4
106 Classroom Bldg H-6
162 Cole Student Activities Bldg G-3
224 Computer and Space Sciences Bldg I-4
122 Cumberland Hall (Dorm) J-4
107 Dairy Science Annex I-5
105 Dairy Science Office I-6
252 Denton Hall (Dorm) J-3
097 Dining Hall (Cambridge) I-4
251 Dining Hall (Denton) K-3
257 Dining Hall (Ellicott) J-4
064 Dorchester Hall (Dorm) G-3
253 Easton Hall (Dorm) K-3
066 Education Annex, West E-3
254 Elkton Hall (Dorm) J-3
256 Ellicott Hall (Dorm) J-3
223 Energy Research Facility H-6
088 Engineering Classroom Bldg G-5
089 Engineering Laboratory Bldg G-6
093 Engineering Research Bldg H-6
007 Fire and Rescue Institute (MD) C-5
158 Football Bldg I-4
048 Francis Scott Key Hall E-3
126-139 Fraternity Houses C-6
029 Frederick Hall (Dorm) C-4
031 Garrett Hall (Dorm) D-3
299 Gatehouse F-6
237 Geology Bldg G-4
166 Golf Range J-2
002 Greenhouses E-6
258 Hagerstown Hall (Dorm) J-3
014 Harford Hall (Dorm) D-4
002 Harrison Lab E-6
255 Health and Human Performance Bldg J-5
140 Health Center G-3
074 Holzapfel Hall F-4
147 Hornbake Undergraduate Library G-4
028 Howard Hall (Dorm) D-3
085 Institute for Physical Sciences and Technology I-5
045 Instructional Television Facility G-5
034 Jimenez Bldg. (Foreign Language) G-3
059 Journalism Bldg F-3
227 Jull Hall I-4
022 Kent Hall (Dorm) D-4
027 Knox Rd. Office Bldg. East C-4
259 LaPlata Hall (Dorm) J-4
071 Lee Bldg. and Graduate School E-4
038 Le Frak Hall (Social Sciences) E-3
201 Leonardtown Community Bldg. (Employment Office) B-6
238-249 Leonardtown Modular Residences B-6
260-285 Lord Calvert Apts B-4
077 Main Administration Bldg E-5
046 Marie Mount Hall E-4
084 Mathematics Bldg G-5
035 McKeldin Library F-3
009 Memorial Chapel D-4
231 Microbiology Bldg G-4
232 Mill Bldg G-4
052 Mitchell Bldg F-5
032 Montgomery Hall (Dorm) C-4
040 Morrill Hall E-3
011 Motor Transportation Facility D-6
094 Paint Branch Dr. Office Bldg H-6
179 Parking Garage #1 ..... H-4
202 Parking Garage #2 ..... H-5
073 H. J. Patterson Hall G-4
083 J. M. Patterson Hall H-5
027 Photographic Services C-4
082 Physics Bldg G-5
006 Plant Operations and Maintenance Shops E-5
003 Police and Service Bldg E-6
113 Police Substation C-3
181-191 Poultry Bldgs. I-4
054 Preinkert Field House F-3
164 President's Residence I-2
021 Prince George's Hall (Dorm) D-3
061 Queen Anne's Hall (Dorm) F-3
078 Reckord Armory E-5
334-341 Relocatable Buildings I-6
004 Ritchie Coliseum D-5
080 Rossborough Inn (Faculty-Alumni Club) I-5
109 Sheep Barn I-5
159 Shipley Field D-6
037 Shoemaker Bldg E-3
075 Shriver Lab F-4
013 Shuttle Bus Facility F-4
044 Skinner Bldg E-4
063 Somerset Hall (Dorm) F-3
170-176 Sorority Houses B-5
026 South Campus Dining Hall E-3
062 St. Mary's Hall (Dorm) G-3
163 Stamp Student Union G-4
076 Symons Hall F-4
030 Talbot Hall (Dorm) D-4
043 Taliaferro Hall E-3
141 Tawes Fine Arts Bldg G-3
053 Temporary Classroom Bldg. AA D-3
058 Temporary Classroom Bldg. EE D-3
308 Temporary Computer Science I-5
079 Turner Lab (Dairy) E-5
042 Tydings Hall E-3
345 University College (Center of Adult Ed.) G-2
286-292 University Hills Apts G-1
005 University Press E-6
023 Washington Hall (Dorm) C-4
069 Wicomico Hall (Dorm) E-3
081 Wind Tunnel G-6
047 Woods Hall E-4
051 Worcester Hall (Dorm) F-3
144 Zoology-Psychology Bldg G-4

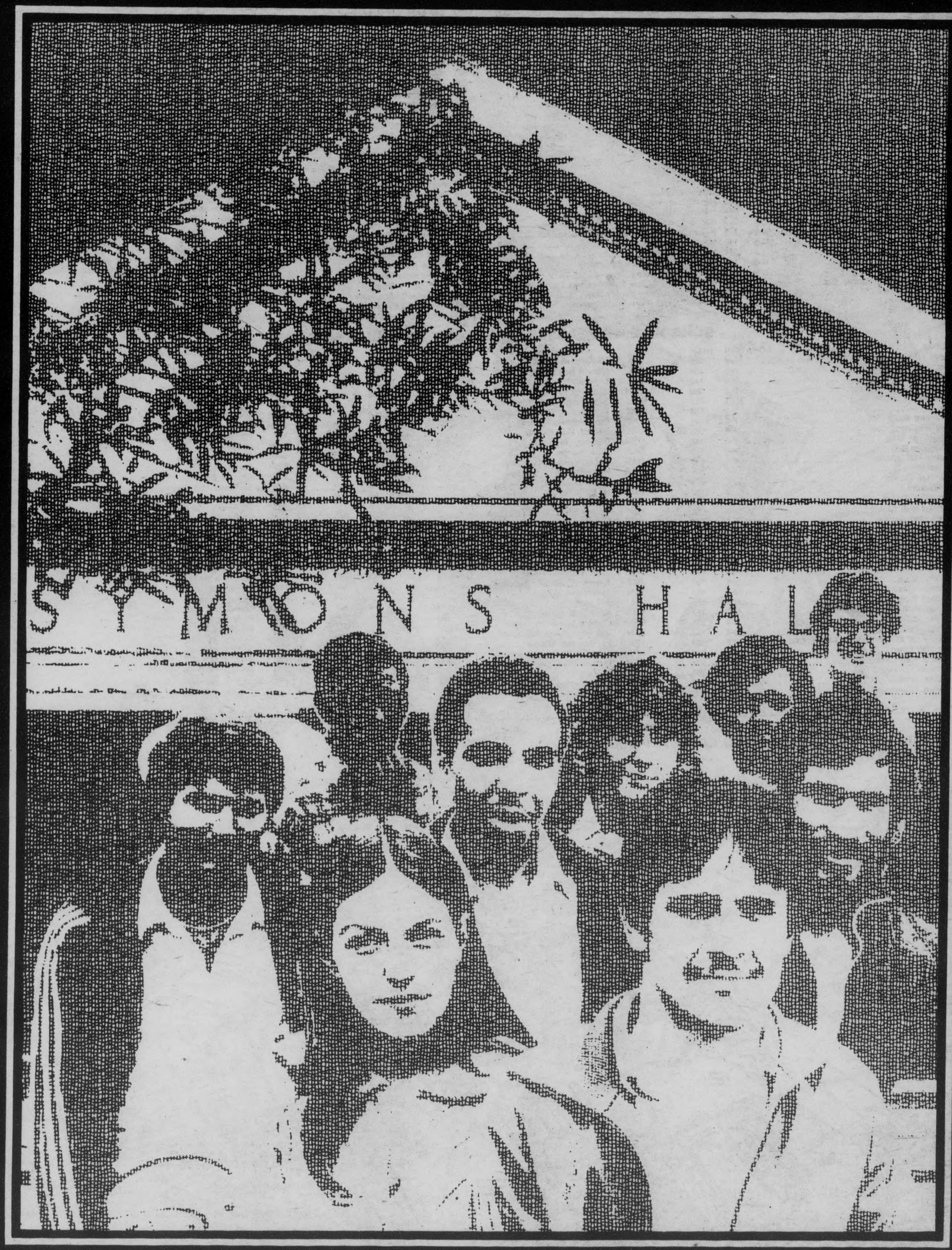
SCHEDULE OF CLASSES DIRECTORY OF BUILDING CODES

CODE	BUILDING	LOCATION	NUM.
AGY	Allegany Hall (Dorm)	C-4	024
ASA	Animal Sciences Annex	I-6	104
ANS	Animal Sciences Bldg	H-5	142
ANA	Anne Arundel Hall (Dorm)	G-3	060
ALB	Astronomy Laboratory Bldg	MET	219
API	Apiary	J-3	156
ARC	Architecture Bldg	F-2	145
ARM	Armory (Reckord)	E-5	078
ASY	Art-Sociology Bldg	F-3	146
AVW	A.W. Williams Bldg	H-6	115
BAL	Baltimore Hall (Dorm)	D-3	016
BEB	Beef Barn	I-5	110
BEL	Bel Air Hall (Dorm)	J-5	099
BRD	Byrd Stadium	I-3	160
CAL	Calvert Hall (Dorm)	D-3	015
CAM	Cambridge Hall (Dorm)	I-4	096
CAR	Caroline Hall (Dorm)	E-3	070
CRL	Carroll Hall (Dorm)	E-3	065
CEC	Cecil Hall (Dorm)	D-4	017
CEN	Centreville Hall (Dorm)	J-5	098
CHL	Charles Hall (Dorm)	C-4	025
CHE	Chemical Engineering Bldg	H-5	090
CHM	Chemistry Bldg	G-5	091
CHS	Chestertown Hall (Dorm)	J-4	121
CLB	Classroom Bldg	H-6	106
COL	Cole Student Activities Bldg	G-3	162
CSS	Computer and Space Sciences Bldg	I-4	224
CBD	Cumberland Hall (Dorm)	J-4	122
DSA	Dairy Science Annex & Large Animal Classroom	I-5	107
DEN	Denton Hall (Dorm)	J-3	252
DOR	Dorchester Hall (Dorm)	G-3	064
EAS	Easton Hall (Dorm)	K-3	253
EDA	Education Annex	E-3	066
EDU	Education (Benjamin)	G-3	143
ELK	Elkton Hall (Dorm)	J-3	254
ELL	Ellicott Hall (Dorm)	J-3	256
EGL	Engineering Laboratory Bldg (Martin)	G-6	089
EGR	Engineering Classroom (Martin)	G-5	088
EPL	East Poultry Lab Bldg	I-4	188
ERB	Engineering Research Bldg	H-6	093
FRD	Frederick Hall (Dorm)	C-4	029
GRT	Garrett Hall (Dorm)	D-3	031
GEO	Geology Bldg	G-4	237
GLF	Golf Range	J-2	166
HAG	Hagerstown Hall (Dorm)	J-3	258
HAR	Harrison Lab	E-6	002
HRT	Hartford Hall (Dorm)	D-4	014
HOB	Horse Barn	I-5	108
HBK	Hornbake Undergraduate Library	G-4	147
HJP	H. J. Patterson	G-4	073
HHP	Health and Human Performance Bldg	J-5	255
HZF	Holzapfel Hall	F-4	074
HOW	Howard Hall (Dorm)	D-3	028
IPT	Inst. of Physical Sciences and Technology	I-5	085
ITV	Instructional Television Facility	G-5	045
JMP	J. M. Patterson Hall	H-5	083
JMZ	Jimenez Foreign Language	G-3	034
JRN	Journalism Bldg	F-3	059
JUL	Jull Hall	I-4	227
KNT	Kent Hall (Dorm)	D-4	022
KEY	Francis Scott Key Hall	E-3	048
LAM	Lab Animal Mgt. Classroom	CRF	783
LPA	LaPlata Hall (Dorm)	J-4	259
LEF	Lefrak Social Sciences	E-3	038
MTH	Mathematics Bldg	G-5	084
MCK	McKeldin Library	F-3	035
MCB	Microbiology Bldg	G-4	231
MIL	Mill Bldg	G-4	232
MNT	Montgomery Hall (Dorm)	C-4	032
MMH	Marie Mount Hall	E-4	046
MOR	Morrill Hall	E-3	040
PHY	Physics Bldg	G-5	082
PKT	Preinkert Field House	F-3	054
PGG	Prince George's Hall (Dorm)	D-3	021
QAN	Queen Anne's Hall (Dorm)	F-3	061
RIT	Ritchie Coliseum	D-5	004
SHB	Sheep Barn	I-5	109
SHM	Shoemaker Bldg	E-3	037
SHR	Shriver Lab	F-4	075
SKN	Skinner Bldg	E-4	044
SOM	Somerset Hall (Dorm)	F-3	063
SDH	South Campus Dining Hall	E-3	026
STM	St. Mary's Hall (Dorm)	G-3	062
SSU	Stamp Student Union	G-4	163
SYM	Symons Hall	F-4	076
TAA	Temporary Classroom AA	D-3	053
TAL	Talbot Hall (Dorm)	D-4	030
TBA	To Be Arranged		
TEE	Temporary Classroom EE	D-3	058
TLF	Taliaferro Hall	E-3	043
TUR	Turner Lab	E-5	079
TYD	Tydings Hall	E-3	042
TWS	Tawes Fine Arts Bldg	G-3	141
WSH	Washington Hall (Dorm)	C-4	023
WIC	Wicomico Hall (Dorm)	E-3	069
WDS	Woods Hall	E-4	047
WTU	Wind Tunnel	G-6	081
WOR	Worcester Hall (Dorm)	F-3	051
ZOP	Zoology-Psychology Bldg	G-4	144

Location "CRF" denotes Calvert Road Facilities.

Location "MET" denotes Metzerott Road Facilities.





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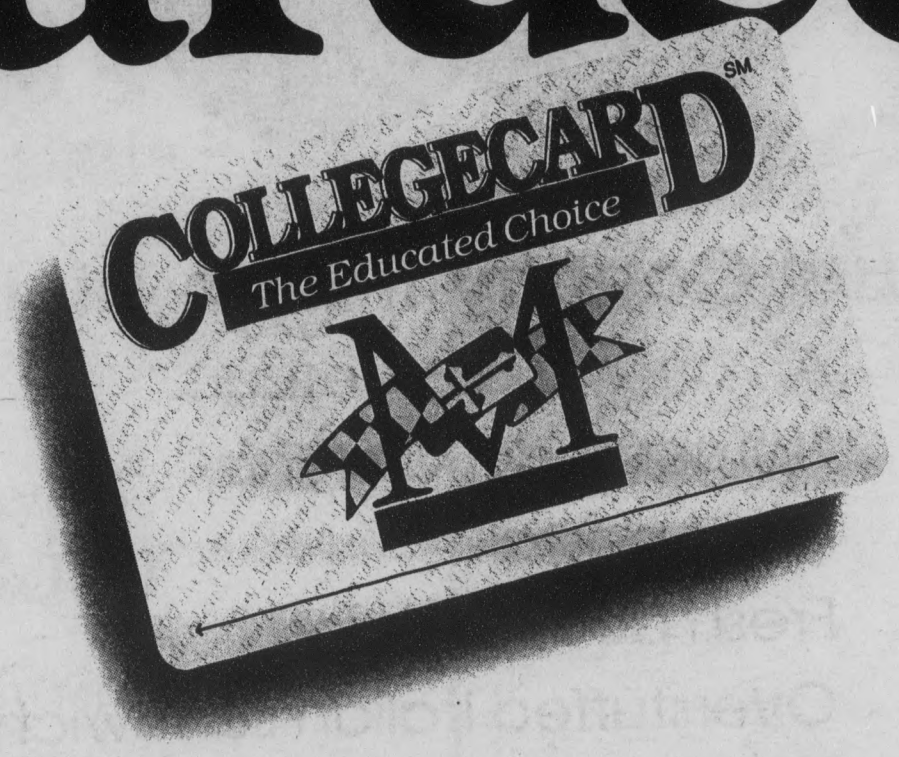

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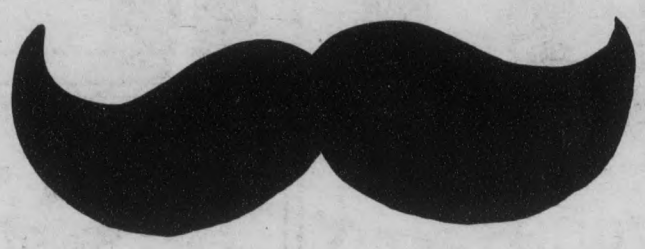

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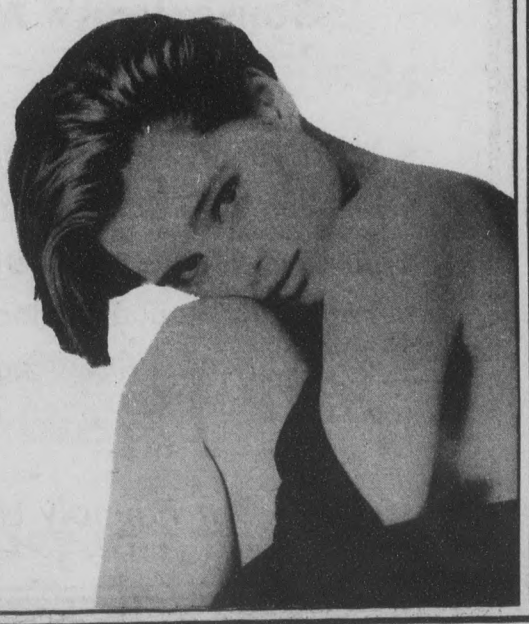

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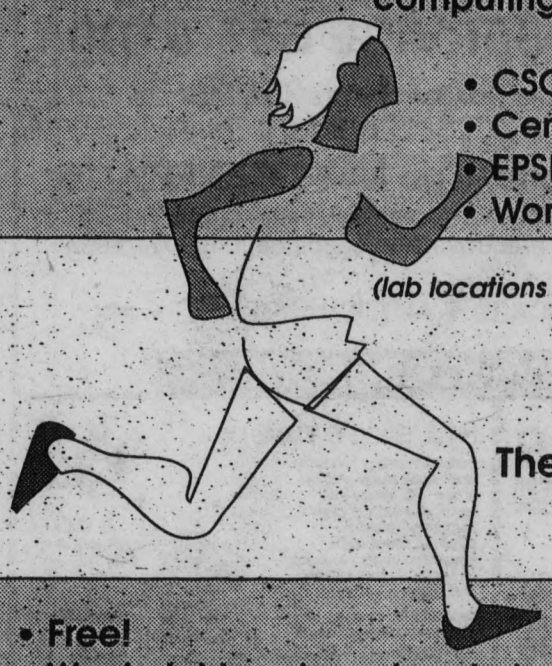

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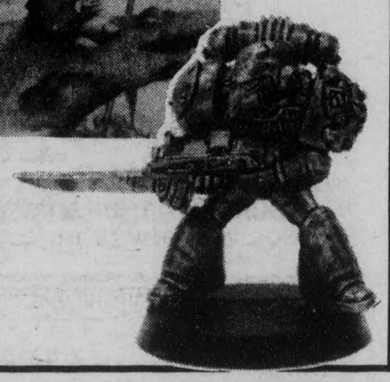

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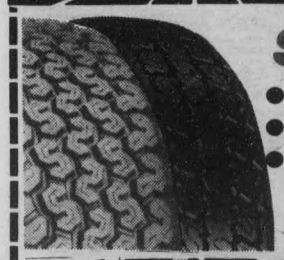

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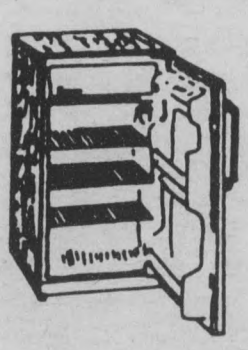

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ECON301 Current Issues in American Economic Policy; Grade Method: REG/P-F/AUD. Prerequisites: [ECON 201; and ECON 203] or ECON 205. — 3 credits
0201 MWF.....11:00am-11:50am (TYD 0101) — Nagelhout, P

ECON305 Intermediate Macroeconomic Theory and Policy; Grade Method: REG/P-F/AUD. Prerequisites: ECON 201; and ECON 203; and MATH 220. Credit will be granted for only one of the following: ECON 305 or ECON 405. Formerly ECON 401. — 3 credits
0101 MWF.....10:00am-10:50am (TYD 2106) — Meyer, P
0201 TuTh.....12:30pm- 1:45pm (TYD 2106) — Rydede, S
0401 TuTh.....12:30pm- 1:45pm (TYD 1128) — Hiemstra, C
0701 TuTh.....2:00pm- 3:15pm (TYD 2111) — Hiemstra, C
0801 TuTh.....11:00am-12:15pm (WDS 1130) — Sorem, B
0901 MWF.....11:00am-11:50am (TYD 0117) — Brechling, F
1001 MWF.....1:00pm- 1:50pm (TYD 2111) — Baba, S

ECON306 Intermediate Microeconomic Theory; Grade Method: REG/P-F/AUD. Prerequisites: ECON 201; and ECON 203; and MATH 220. Formerly ECON 403. — 3 credits
0101 TuTh.....11:00am-12:15pm (TYD 0101) — McGuire, M
0201 TuTh.....2:00pm- 3:15pm (TYD 2106) — McGuire, M
0301 TuTh.....11:00am-12:15pm (TYD 2111) — Hulten, C
0401 MWF.....11:00am-11:50am (TYD 1128) — Lyon, A
0501 TuTh.....9:30am-10:45am (TYD 2109) — Evans, W
0701 MWF.....10:00am-10:50am (TYD 2109) — Lyon, A
0801 TuTh.....2:00pm- 3:15pm (TLF 0101) — Lynch, D

ECON311 American Economic Development; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D Course. Prerequisites: [ECON 201; and ECON 203] or ECON 205. — 3 credits
0101 Th.....6:30pm- 9:00pm (TYD 2106) — STAFF

ECON315 Economic Development of Underdeveloped Areas; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. Prerequisites: [ECON 201; and ECON 203] or ECON 205. Credit will be granted for only one of the following: ECON 315 or ECON 416. Formerly ECON 415. — 3 credits
0101 TuTh.....3:30pm- 4:45pm (TYD 1102) — Zeck, M
0201 TuTh.....11:00am-12:15pm (TYD 2106) — Succar, P
0301 TuTh.....11:00am-12:15pm (ARM 0116) — Anderson, J

ECON321 Economic Statistics; Grade Method: REG/P-F/AUD. Prerequisite: MATH 220 or equivalent. Not open to students who have completed BMGT 230 or BMGT 231. Formerly ECON 421. — 3 credits
0101 MWF.....9:00am- 9:50am (TYD 2111) — Gupta, S
0201 TuTh.....9:30am-10:45am (TYD 0101) — Betancourt, R

ECON355 Economics of Crime and Law Enforcement; Grade Method: REG/P-F/AUD. Prerequisite: [ECON 201; and ECON 203] or ECON 205. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (LEF 1201) — Myers, S

ECON361 Economics of American Industries; Grade Method: REG/P-F/AUD. Prerequisites: [ECON 201; and ECON 203] or ECON 205. — 3 credits
0301 MWF.....11:00am-11:50am (TYD 2106) — Kedia, M

ECON370 Labor Markets, Human Resources, and Trade Unions; Grade Method: REG/P-F/AUD. Prerequisites: [ECON 201; and ECON 203] or ECON 205. Credit will be granted for only one of the following: ECON 370 or ECON 470. — 3 credits
0101 MWF.....11:00am-11:50am (TYD 2111) — Knight, R
0201 TuTh.....11:00am-12:15pm (JRN 1105) — Weinstein, P
0301 TuTh.....9:30am-10:45am (TYD 1114) — Montgomery, E

ECON375 Economics of Poverty and Discrimination; Grade Method: REG/P-F/AUD. CORE Distributive Studies Cultural Diversity Course. Prerequisites: [ECON 201; and ECON 203] or ECON 205. — 3 credits
0101 TuTh.....9:30am-10:45am (MCB 1207) — Williams, R

ECON396 Independent Honors Study; Grade Method: REG/P-F/AUD. Prerequisite: candidacy for honors in economics or by permission of instructor. — 3 credits
0101 Tu.....3:30pm- 6:00pm (TYD 2100) — Oates, W

ECON397 Honors Thesis; Grade Method: REG/P-F/AUD. Prerequisites: ECON 396 and candidacy for honors in economics. — 3 credits
0101 Time and room to be arranged — Oates, W

ECON398C Topics in Economics: Macro Economics; Grade Method: REG/P-F/AUD. Need 3.0 or teacher permission. — 3 credits
0101 TuTh.....11:00am-12:15pm (TYD 1136) — Dellas, H

ECON398D Topics in Economics: Comparative Institutional Development; Grade Method: REG/P-F/AUD. Prerequisite: ECON 305, 306 or 315 required. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (TYD 1114) — Clague, C

ECON399 (PermReq) Individual Reading and Research For Undergraduates; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Permission of instructor must be arranged in advance. Open only to students who have previously earned 6 or more credits in upper division economics courses. — 3 credits

ECON402 Macroeconomic Models and Forecasting; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. Prerequisite: ECON 305 or ECON 405. — 3 credits
0201 MWF.....10:00am-10:50am (TYD 2111) — Monaco, L
0301 TuTh.....8:00am- 9:15am (TYD 1114) — Almon Jr, C

ECON406 Advanced Intermediate Microeconomic Theory; Grade Method: REG/P-F/AUD. Prerequisite: ECON 201; and ECON 203; and MATH 220 or equivalent. Credit will be granted for only one of the following: ECON 306 or ECON 406. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (TYD 1128) — Schwab, R

ECON422 Quantitative Methods in Economics I; Grade Method: REG/P-F/AUD. Prerequisite: ECON 201; and ECON 203; and [ECON 321 or BMGT 230;] or permission of department. — 3 credits
0101 MWF.....11:00am-11:50am (TYD 1114) — Anderson, G

ECON425 Mathematical Economics; Grade Method: REG/P-F/AUD. Prerequisites: ECON 305 or ECON 405, and ECON 306 or ECON 406, and MATH 220 or equivalent. — 3 credits
0201 TuTh.....2:00pm- 3:15pm (TYD 0101) — Coughlin, P

ECON430 Money and Banking; Grade Method: REG/P-F/AUD. Prerequisites: ECON 201 and ECON 203. Credit will be granted for only one of the following: ECON 430 or ECON 431. — 3 credits
0101 MWF.....12:00pm-12:50pm (TYD 0130) — Meyer, P
0201 MWF.....10:00am-10:50am (TYD 0130) — Dorsey, J

ECON440 International Economics; Grade Method: REG/P-F/AUD. Prerequisites: ECON 201 and ECON 203. Credit will be granted for only one of the following: ECON 440 or ECON 441. — 3 credits
0301 Tu.....6:30pm- 9:00pm (TYD 1128) — Mann, C
0401 TuTh.....8:00am- 9:15am (TYD 2110) — Irwin, D
0501 TuTh.....2:00pm- 3:15pm (TYD 1114) — Zeck, M
0601 TuTh.....11:00am-12:15pm (HBK 0123) — Zeck, M

ECON441 Theory of International Economics; Grade Method: REG/P-F/AUD. Prerequisite: ECON 305 or ECON 405; and ECON 306 or ECON 406. Credit will be granted for only one of the following: ECON 440 or ECON 441. — 3 credits
0101 TuTh.....9:30am-10:45am (TYD 2106) — Hoff, K

ECON450 Introduction to Public Sector Economics; Grade Method: REG/P-F/AUD. Prerequisite: [ECON 201; and ECON 203] or ECON 205. Credit will be granted for only one of the following: ECON 450 or ECON 454. — 3 credits
0201 TuTh.....11:00am-12:15pm (TYD 1128) — Hoff, K

ECON460 Industrial Organization; Grade Method: REG/P-F/AUD. Prerequisite: ECON 306 or ECON 406. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (TYD 2110) — Evans, W
0201 TuTh.....8:00am- 9:15am (TYD 1132) — Alger, D

ECON465 Health Care Economics; Grade Method: REG/P-F/AUD. Prerequisite: ECON 203 or ECON 205. — 3 credits
0101 TuTh.....9:30am-10:45am (TYD 2110) — Aaron, H

ECON470 Theory of Labor Economics; Grade Method: REG/P-F/AUD. Prerequisite: ECON 306 or ECON 406. Credit will be granted for only one of the following: ECON 370 or ECON 470. — 3 credits
0101 TuTh.....11:00am-12:15pm (TYD 1114) — Abraham, K

ECON600 (PermReq) Analytical Techniques for Economists; Grade Method: REG/AUD. Advanced special students not permitted. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (TYD 1132) — Coughlin, P
W.....3:00pm- 5:00pm (TYD 1102) DIS

ECON601 Macroeconomic Analysis I; Grade Method: REG/AUD. Prerequisite: ECON 600 or permission of instructor. — 3 credits
0101 MW.....9:30am-10:45am (TYD 2140) — Drazen, A
M.....5:00pm- 7:00pm (TYD 1114) DIS
0201 MW.....2:00pm- 3:15pm (TYD 2100) — Drazen, A
F.....2:00pm- 3:15pm (TYD 1114) DIS

ECON603 Microeconomic Analysis I; Grade Method: REG/AUD. Prerequisite: ECON 600 or permission of instructor. — 3 credits
0101 TuTh.....9:30am-10:45am (TYD 2100) — Schwab, R
W.....7:00pm- 9:00pm (TYD 1140) DIS
0201 TuTh.....11:00am-12:15pm (TYD 2100) — Betancourt, R
F.....3:30pm- 5:00pm (TYD 2110) DIS

ECON606 History of Economic Thought; Grade Method: REG/AUD. Prerequisite: ECON 403 or permission of department. — 3 credits
0101 TuTh.....11:00am-12:15pm (TYD 1132) — Dillard, D

ECON611 (PermReq) Seminar in American Economic Development; Grade Method: REG/AUD. — 3 credits
0101 TuTh.....9:30am-10:45am (TYD 2140) — Wallis, J

ECON615 Economic Development of Underdeveloped Areas; Grade Method: REG/AUD. Prerequisites: ECON 401 and ECON 403. — 3 credits
0101 Tu.....7:00pm- 9:40pm (TYD 1114) — Adams, J

ECON622 Quantitative Economics II; Grade Method: REG/AUD. Prerequisite: ECON 621. Advanced special students not permitted. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (TYD 2110) — Cropper, M
W.....5:00pm- 6:15pm (TYD 1114) DIS

ECON623 Econometrics I; Grade Method: REG/AUD. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (TYD 2100) — Poetscher, B
Tu.....5:00pm- 6:15pm (TYD 1114) DIS

ECON625 (PermReq) Quantitative Methods in Practice; Grade Method: REG/AUD. Prerequisite: ECON 621 or equivalent. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (TYD 2140) — Almon Jr, C

ECON661 The Corporate Firm; Grade Method: REG/AUD. Prerequisites: ECON 603, and ECON 662 or ECON 624. — 3 credits
0101 MW.....9:30am-10:45am (TYD 1132) — Mueller, D

ECON681 (PermReq) Comparative Economic Systems and Economic Planning; Grade Method: REG/AUD. — 3 credits
0101 Th.....5:00pm- 7:30pm (ARC 1123) — Murrell, P

ECON698 (PermReq) Selected Topics in Economics; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

ECON698K Selected Topics in Economics: American Living Standards and Poverty; Grade Method: REG/AUD. — 3 credits
0101 MW.....2:00pm- 3:30pm (LEF 1201) — Levy, F

ECON698O Selected Topics in Economics: Workshop on Productivity and Competitiveness; Grade Method: REG/AUD. — 3 credits
0101 Tu.....3:30pm- 6:00pm (TYD 1132) — Hulten, C

ECON701 (PermReq) Advanced Macroeconomics I; Grade Method: REG/AUD. Prerequisite: ECON 601; and ECON 602. — 3 credits
0101 MW.....11:00am-12:15pm (TYD 2140) — Haltiwanger, J

ECON721 Econometrics III; Grade Method: REG/AUD. Prerequisite: ECON 624. — 3 credits
0101 TuTh.....11:00am-12:15pm (TYD 2110) — Poetscher, B

ECON742 Advanced International Economics II; Grade Method: REG/AUD. Prerequisite: ECON 603 and ECON 741. Advanced special students not permitted. — 3 credits
0101 Tu.....5:00pm- 7:30pm (TYD 2140) — Panagariya, A

ECON751 Advanced Theory of Public Finance; Grade Method: REG/AUD. — 3 credits
0101 MW.....2:00pm- 3:15pm (TYD 1132) — Oates, W

ECON755 Theory of Public Choice I; Grade Method: REG/AUD. Prerequisite: permission of department. — 3 credits
0101 MW.....12:30pm- 1:45pm (TYD 2140) — Mueller, D

ECON771 Advanced Labor Economics: Theory and Evidence; Grade Method: REG/AUD. Prerequisite: ECON 603, and ECON 622, or ECON 624, or permission of instructor. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (TYD 1132) — Montgomery, E

ECON781 Advanced Environmental Economics; Grade Method: REG/AUD. Prerequisite: ECON 603; and ECON 621, or permission of department. — 3 credits
0101 TuTh.....9:30am-10:45am (TYD 1132) — Cropper, M

ECON799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ECON808 Workshop on Macroeconomics and Growth: Workshop in Applied Economics; Grade Method: SATISFACTORY/AUDIT. — 3 credits
0101 W.....3:30pm- 6:00pm (TYD 2100) — Haltiwanger, J
Time and room to be arranged DIS

ECON848 Workshop in International Development, and Comparative Economics: Workshop in Trade and Development; Grade Method: SATISFACTORY/AUDIT. — 3 credits
0101 Tu.....3:30pm- 6:00pm (TYD 2111) — Clague, C

ECON858 (PermReq) Workshop in Public Economics: Public Economics Workshop; Grade Method: SATISFACTORY/AUDIT. — 3 credits
0101 M.....3:30pm- 6:00pm (TYD 1132) — McGuire, M

ECON868 (PermReq) Workshop in Industrial Organization; Grade Method: SATISFACTORY/AUDIT. — 3 credits
0101 Tu.....3:30pm- 6:00pm (KEY 0116) — Mueller, D

ECON878 Workshop in Labor Economics: Workshop in Labor Economics; Grade Method: SATISFACTORY/AUDIT. — 3 credits
0101 Th.....3:30pm- 6:00pm (TYD 0101) — Evans, W

ECON899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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EDCI Curriculum and Instruction (Education)

EDCI280 School Service Semester; Grade Method: S-F. Section 0301 meets at Northwestern High School. Section 0401 meets at Glenridge Elementary Professional Development Center. — 3 credits
0101 M.....11:00am-11:50am (EDU 1121) — Amershek, K
Tu.....8:00am- 4:00pm (Arranged) LAB
0102 M.....11:00am-11:50am (EDU 1121) — Amershek, K
Th.....8:00am- 4:00pm (Arranged) LAB
0201 Th.....3:00pm- 3:50pm (EDU 1107) — STAFF
MW.....8:00am-12:00pm (Arranged) LAB
0202 Th.....3:00pm- 3:50pm (EDU 1107) — STAFF
M.....8:00am- 4:00pm (Arranged) LAB
0203 Th.....3:00pm- 3:50pm (EDU 1107) — STAFF
W.....8:00am- 4:00pm (Arranged) LAB
0301 W.....1:30pm- 2:30pm (Arranged) — STAFF
W.....8:00am- 4:00pm (Arranged) LAB
0401 Th.....3:00pm- 3:50pm (EDU 2102) — STAFF
Th.....8:00am- 2:00pm (Arranged) LAB

EDCI288D (PermReq) Special Topics in Teacher Education: Developmental Heuristics; Grade Method: REG. — 3 credits
0101 Time and room to be arranged — Beyene, T

EDCI288M (PermReq) Special Topics in Teacher Education: Tutoring in Remedial Mathematics; Grade Method: REG/P-F/AUD. — 1-3 credits
0101 Time and room to be arranged — Shearn, E

EDCI298 (PermReq) Special Problems in Teacher Education; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

EDCI300 Curriculum and Instruction in Art Education; Grade Method: REG/P-F/AUD. Prerequisite: admission to Teacher Education Program. Art education majors only. — 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 1315) — Craig, R

EDCI301 Teaching Art in the Elementary School; Grade Method: REG/P-F/AUD. For elementary and pre-elementary education majors only. Not open to art education majors. — 3 credits
0101 Th.....1:00pm- 4:00pm (EDU 1315) — Jeffers, C
0201 Tu.....1:00pm- 4:00pm (EDU 1315) — Schaaf, C

EDCI312 Professional Development Seminar in Early Childhood Education; Grade Method: REG/P-F/AUD. Prerequisite: EDCI 280 or permission of department. For ECE majors only. — 3 credits
0101 M.....1:00pm- 3:45pm (EDU 1107) — Amershek, K
0201 W.....1:00pm- 3:30pm (EDU 4233) — Fryer, M

EDCI313 Creative Activities and Materials for the Young Child; Grade Method: REG/P-F/AUD. Prerequisite: EDCI 280. Corequisites: EDHD 300; and MUED 450; and EDCI 318; and EDCI 314. Field experiences scheduled on Monday and Wednesday. Blocked with EDCI 443A, 318, 385, EDHD 419A. Early childhood majors only. — 3 credits
0101 Tu.....1:00pm- 3:00pm (EDU 1107) — Smilansky, S
Time and room to be arranged
0201 Th.....9:00am-11:00am (EDU 2119) — Falk, J
Time and room to be arranged LAB

EDCI320 Curriculum and Instruction in Secondary Education: Social Studies/ History; Grade Method: REG/P-F/AUD. Prerequisites: EDHD 300; and EDCI 390. Secondary education social studies majors only. — 3 credits
0101 MW.....2:00pm- 3:15pm (LEF 1222) — Cirrincione, J

EDCI322A Curriculum and Instruction in Elementary Education: Social Studies; Grade Method: REG/P-F/AUD. Prerequisites: EDCI 397; and EDHD 300. Teamed with EDCI 342A, 352A, 362A, and 372A. Elementary education majors only. — 3 credits
0101 M.....10:00am-11:50am (EDU 2102) — Weaver, V
Time and room to be arranged

EDCI322B Curriculum and Instruction in Elementary Education: Social Studies; Grade Method: REG/P-F/AUD. Prerequisites: EDCI 397; and EDHD 300. Teamed with EDCI 342B, 352B, 362B, and 372B. Elementary education majors only. — 3 credits
0201 Th.....1:00pm- 2:50pm (EDU 2102) — Herman Jr., W
Time and room to be arranged

EDCI330 Curriculum and Instruction in Secondary Education: Foreign Language; Grade Method: REG/P-F/AUD. Prerequisites: EDHD 300; and EDCI 390. — 3 credits
0101 TuTh.....9:30am-10:45am (EDU 2102) — Delorenzo, W

EDCI340 Curriculum and Instruction in Secondary Education: English/ Speech/ Theatre; Grade Method: REG/P-F/AUD. Prerequisites: EDHD 300; and EDCI 390. Concurrent enrollment in EDCI 447 required. Secondary English/speech/drama education majors only. — 3 credits
0101 MW.....2:00pm- 3:15pm (EDU 3315) — McCaleb, J

EDCI342A Curriculum and Instruction in Elementary Education: Language Arts; Grade Method: REG/P-F/AUD. Prerequisites: EDCI 397; and EDHD 300. Teamed with EDCI 352A, 362A, 372A, and 322A. Elementary education majors only. — 3 credits
0101 W.....1:00pm- 2:50pm (EDU 2102) — Roderick, J
Time and room to be arranged LAB

EDCI342B Curriculum and Instruction in Elementary Education: Language Arts; Grade Method: REG/P-F/AUD. Prerequisites: EDCI 397; and EDHD 300. Teamed with EDCI 352B, 362B, 372B, 322B. Elementary education majors only. — 3 credits
0201 Tu.....1:00pm- 2:50pm (EDU 2102) — O'Flahaven, J
Time and room to be arranged

EDCI350 Curriculum and Instruction in Secondary Education: Mathematics; Grade Method: REG. Prerequisites: EDHD 300; and EDCI 390. Six semester hours of 400-level mathematics courses required. Secondary math education majors only. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (EDU 2121) — Davidson, N

EDCI352A Curriculum and Instruction in Elementary Education: Mathematics; Grade Method: REG/P-F/AUD. Prerequisites: MATH 210; and MATH 211; and EDCI 397; and EDHD 300. Teamed with EDCI 342A, 362A, 372A, 322A. Elementary education majors only. — 3 credits
0101 MW.....9:00am- 9:50am (EDU 2121) — Johnson, M
Time and room to be arranged

EDCI352B Curriculum and Instruction in Elementary Education: Mathematics; Grade Method: REG/P-F/AUD. Prerequisites: MATH 210; and MATH 211; and EDCI 397; and EDHD 300. Teamed with EDCI 342B, 362B, 372B, 322B. Elementary education majors only. — 3 credits
0201 Th.....9:30am-11:20am (EDU 2121) — Carey, D
Time and room to be arranged

EDCI362A Curriculum and Instruction in Elementary Education: Reading; Grade Method: REG/P-F/AUD. Prerequisites: EDCI 397; and EDHD 300. Teamed with EDCI 322A, 342A, 352A, 372A. Elementary education majors only. — 3 credits
0101 M.....1:00pm- 2:50pm (EDU 1121) — Koskinen, P
Time and room to be arranged

EDCI362B Curriculum and Instruction in Elementary Education: Reading; Grade Method: REG/P-F/AUD. Prerequisites: EDCI 397; and EDHD 300. Teamed with EDCI 322B, 342B, 352B, 372B. Elementary education majors only. — 3 credits
0201 TuTh.....8:30am- 9:20am (EDU 1121) — Wilson, R
Time and room to be arranged

EDCI370 Curriculum and Instruction in Secondary Education: Science; Grade Method: REG/P-F/AUD. Prerequisites: EDHD 300; and EDCI 390. Reserve one day per week for school observations. Secondary education science majors only. — 3 credits
0101 TuTh.....2:00pm- 3:50pm (EDU 2212) — STAFF

EDCI372A Curriculum and Instruction in Elementary Education: Science; Grade Method: REG/P-F/AUD. Prerequisites: EDCI 397; and EDHD 300. Teamed with EDCI 322A, 342A, 352A, 362A. Elementary education majors only. — 3 credits
0101 W.....10:00am-12:00pm (EDU 2212) — Eley Jr, G
Time and room to be arranged

EDCI372B Curriculum and Instruction in Elementary Education: Science; Grade Method: REG/P-F/AUD. Prerequisites: EDCI 397; and EDHD 300. Teamed with EDCI 322B, 342B, 352B, 362B. Elementary education majors only. — 3 credits
0201 Tu.....9:30am-11:20am (EDU 2212) — Dierking, L
Time and room to be arranged

EDCI385 Computers for Teachers; Grade Method: REG/P-F/AUD. Prerequisite: admission to teacher education. Credit will be granted for only one of the following: EDCI 385, EDCI 487, EDIT 406, EDIT 477, or EDSP 480. Elementary education majors only. Early childhood education majors take EDCI 385A. — 3 credits
0101 W.....11:00am-12:00pm (EDU 0212) — Nichols, L
M.....8:30am-11:00am (EDU 0206) LAB
0201 W.....11:00am-12:00pm (EDU 0212) — Nichols, L
W.....8:30am-11:00am (EDU 0202) LAB

EDCI385A Computers for Teachers; Grade Method: REG/P-F/AUD. Prerequisite: admission to teacher education. Credit will be granted for only one of the following: EDCI 385, EDCI 487, EDIT 406, EDIT 477, or EDSP 480. Early childhood education majors only. Elementary education majors take EDCI 385. Field experience scheduled for Monday and Wednesday. Blocked with EDCI 313, 443A, 318, and EDHD 419A. — 3 credits
0101 Th.....11:00am-12:00pm (EDU 1107) — Nichols, L
W.....1:00pm- 3:45pm (EDU 1107) LAB
0201 Th.....11:00am-12:00pm (EDU 1107) — Nichols, L
M.....1:00pm- 3:45pm (EDU 0206) LAB

EDCI386 Field Work; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

EDCI387 Field Work Analysis; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

EDCI390 Principles and Methods of Secondary Education; Grade Method: REG/P-F/AUD. Pre- or corequisite: EDHD 300; or permission of department. Open to secondary education majors. Open also to majors 0803C, 0803G, 0803H, 0839B, 0839C, 0839O, 0837O, 0838O. — 3 credits
0101 Tu.....4:15pm- 7:00pm (ARC 1105) — Davidson, N
Tu.....7:00pm-10:00pm (ARC 1105) LAB
0201 Th.....4:15pm- 7:00pm (ARC 1105) — Markham, P
Th.....7:00pm-10:00pm (ARC 1105) LAB

EDCI397 Principles and Methods of Teaching in Elementary Schools; Grade Method: REG/P-F/AUD. Prerequisite: EDCI 280. Pre- or corequisite: EDHD 300. For elementary education majors only. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (EDU 0114) — Jantz, R
0201 MW.....2:00pm- 3:15pm (EDU 0114) — Heidelbach, R

EDCI401 Student Teaching in Elementary School: Art; Grade Method: S-F. Prerequisite: EDCI 300. Limited to art education majors who have previously applied. — 4-8 credits
0101 Time and room to be arranged — Jantz, R

EDCI402 Student Teaching in Secondary Schools: Art; Grade Method: S-F. Prerequisite: EDCI 300. — 2-8 credits
0101 Time and room to be arranged — STAFF

EDCI408 Practicum in Art Education: Two-Dimensional; Grade Method: REG/P-F/AUD. Prerequisite: permission of department. — 3 credits
0101 Th.....4:00pm- 7:00pm (TWS 1204) — Craig, R

EDCI410 The Child and the Curriculum: Early Childhood; Grade Method: REG/P-F/AUD. — 3 credits
0101 M.....4:00pm- 7:00pm (JMZ 0118) — Sarracho, O

EDCI411 Student Teaching: Preschool; Grade Method: S-F. For EDCI majors only. — 4 credits
0101 Time and room to be arranged — STAFF

EDCI412 Student Teaching: Kindergarten; Grade Method: S-F. For EDCI majors only. — 4 credits
0101 Time and room to be arranged — STAFF

EDCI413 Student Teaching: Primary Grades; Grade Method: S-F. For EDCI majors only. — 8 credits
0101 Time and room to be arranged — STAFF

EDCI420 Student Teaching Seminar in Secondary Education: Social Studies; Grade Method: S-F. Corequisite: EDCI 421 or EDCI 422. — 3 credits
0101 M.....4:15pm- 7:00pm (ASY 3219) STAFF

EDCI421 Student Teaching in Secondary Schools: Social Studies/History; Grade Method: S-F. Prerequisite: EDCI 320. Corequisite: EDCI 420. — 12 credits
0101 Time and room to be arranged Farrell, R

EDCI426 Methods of Teaching Social Studies in Secondary Schools; Grade Method: REG/P-F/AUD. Prerequisites: EDHD 300; and EDCI 390. — 3 credits
0101 Time and room to be arranged Cirrincione, J

EDCI434 Methods of Teaching English to Speakers of Other Languages; Grade Method: REG/P-F/AUD. — 3 credits
0101 M.....4:15pm- 7:00pm (TWS 1202) Graham, J

EDCI435 Teaching Reading in a Second Language; Grade Method: REG/P-F/AUD. Prerequisite: permission of department. — 3 credits
0101 W.....4:15pm- 7:00pm (EDU 0114) Graham, J

EDCI440 Student Teaching Seminar in Secondary Education: English, Speech, Theatre; Grade Method: S-F. Prerequisite: EDCI 340. Corequisite: EDCI 441. Meets Sept. 19, Oct. 17, Nov. 1, Dec. 5. — 1 credit
0101 W.....4:15pm- 7:00pm (JMZ 0103) McCaleb, J
Time and room to be arranged

EDCI441 Student Teaching in Secondary Schools: English; Grade Method: S-F. Prerequisite: EDCI 340 or EDCI 442 or EDCI 448. Corequisite: EDCI 440. — 6-12 credits
0101 Time and room to be arranged STAFF

EDCI442 Student Teaching in Secondary Schools: Speech; Grade Method: S-F. Prerequisite: EDCI 340. Corequisite: EDCI 440. — 6-12 credits
0101 Time and room to be arranged STAFF

EDCI443 Literature for Children and Youth; Grade Method: REG/P-F/AUD. For elementary education and pre-elementary education majors only. — 3 credits
0101 TuTh.....9:30am-10:45am (HBK 0103) Williams, H
0201 TuTh.....2:00pm- 3:15pm (RSY 3219) Herman Jr., W

EDCI443A Literature for Children and Youth; Grade Method: REG/P-F/AUD. For elementary education and pre-elementary education majors only. For early childhood majors only. Blocked with EDCI 312, EDCI 313, EDCI 385A, EDHD 419A. — 3 credits
0101 Th.....9:00am-11:00am (EDU 1107) Schrader, C
Time and room to be arranged LAB
0201 Tu.....1:00pm- 3:00pm (COL 3112) Schrader, C
Time and room to be arranged LAB

EDCI446 Methods of Teaching English, Speech, Theatre in Secondary Schools; Grade Method: REG. Prerequisites: EDHD 300; and EDCI 390; or permission of department. — 3 credits
0101 Time and room to be arranged STAFF

EDCI447 Field Experience in English, Speech, Theatre Teaching; Grade Method: S-F. Corequisite: EDCI 340. Secondary English/speech/drama education majors only. — 1 credit
0101 Time and room to be arranged STAFF

EDCI448 Student Teaching in Secondary Schools: Theatre; Grade Method: REG/P-F/AUD. — 6-12 credits
0101 Time and room to be arranged STAFF

EDCI450 Student Teaching Seminar in Secondary Education: Mathematics; Grade Method: REG/P-F/AUD. Corequisite: EDCI 451. — 3 credits
0101 W.....4:15pm- 7:00pm (EDU 2121) Fey, J

EDCI451 Student Teaching in Secondary Schools: Mathematics; Grade Method: S-F. Prerequisite: EDCI 350. — 12 credits
0101 Time and room to be arranged Fey, J

EDCI453 Mathematics in the Elementary School; Grade Method: REG/P-F/AUD. Prerequisite: MATH 210 or equivalent. Masters Certification students only. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (EDU 2121) Carey, D

EDCI456 Teaching Mathematics to the Educationally Handicapped; Grade Method: REG/P-F/AUD. Prerequisites: [EDSP 331; and EDSP 332; and EDSP 333; and EDSP 443; and MATH 210] or permission of department. For special education majors only. — 3 credits
0101 MW.....1:15pm- 2:30pm (EDU 2121) Johnson, M

EDCI463 The Teaching of Reading in the Secondary School; Grade Method: REG/P-F/AUD. — 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 0114) King, S
0201 Tu.....4:15pm- 7:00pm (JMZ 2207) STAFF

EDCI464 Clinical Practices in Reading Diagnosis and Instruction; Grade Method: REG/P-F/AUD. Prerequisite: EDCI 362 or EDCI 463. — 3 credits
0101 W.....4:15pm- 7:00pm (EDU 1121) Sarracho, O
0201 Th.....4:00pm- 7:00pm (EDU 2102) Afflerbach, P

EDCI471 Student Teaching in Secondary Schools: Science; Grade Method: S-F. Prerequisite: EDCI 352. Concurrent enrollment in EDCI 489B and 488F required. — 12 credits
0101 Time and room to be arranged STAFF

EDCI473 Environmental Education; Grade Method: REG/P-F/AUD. Open to non-education majors. — 3 credits
0101 W.....5:00pm- 8:00pm (EDU 2212) Messersmith, D

EDCI481 Student Teaching: Elementary; Grade Method: S-F. For EDCI majors only. Limited to elementary majors who have previously applied. — 12 credits
0101 Time and room to be arranged STAFF

EDCI484 Student Teaching in Elementary School: Music; Grade Method: S-F. For EDCI majors only. Limited to music education majors enrolled in the Department of Curriculum and Instruction who have previously applied. — 4-8 credits
0101 Time and room to be arranged Folstrom, R

EDCI485 Student Teaching in Elementary School: Physical Education; Grade Method: S-F. For EDCI majors only. Limited to majors who have previously applied. — 4-8 credits
0101 Time and room to be arranged STAFF

EDCI488F Selected Topics in Teacher Education: Computers in Science Education; Grade Method: REG/P-F/AUD. Concurrent enrollment in EDCI 471 and 489B required. — 2 credits
0101 Th.....5:15pm- 7:00pm (EDU 2212) Layman, J

EDCI488R (PermReq) Selected Topics in Teacher Education: Instructional Materials Production; Grade Method: REG/AUD. Permission may be obtained from either the College of Library and Information Services or the College of Education - Department of Curriculum and Instruction. — 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 0306) Clabaugh, S

EDCI489 (PermReq) Field Experiences in Education; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-4 credits

EDCI489B Field Experiences in Education: Seminar for Science Student Teachers; Grade Method: REG/P-F/AUD. Must be concurrently enrolled in EDCI 471 and 488F. — 1 credit
0101 Th.....4:15pm- 5:15pm (EDU 2212) STAFF

EDCI491 Student Teaching in Secondary Schools: Health; Grade Method: S-F. For EDCI majors only. — 12 credits
0101 Time and room to be arranged STAFF

EDCI494 Student Teaching in Secondary Schools: Music; Grade Method: S-F. For EDCI majors only. — 2-8 credits
0101 Time and room to be arranged STAFF

EDCI495 Student Teaching in Secondary Schools: Physical Education; Grade Method: S-F. For EDCI majors only. — 2-8 credits
0101 Time and room to be arranged STAFF

EDCI498 (PermReq) Special Problems in Teacher Education; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

EDCI600 Trends in Art Education Curriculum; Grade Method: REG/AUD. — 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 1315) Craig, R

EDCI610 Curriculum for Early Childhood Education; Grade Method: REG/AUD. — 3 credits
0101 M.....4:15pm- 7:00pm (EDU 0202) Klein, E

EDCI614 Intellectual and Creative Experiences in Early Childhood Education; Grade Method: REG/AUD. — 3 credits
0101 W.....4:15pm- 7:00pm (EDU 1315) Fein, G

EDCI630 Trends in Secondary School Curriculum: Foreign Language; Grade Method: REG/AUD. — 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 2212) Delorenzo, W

EDCI643 Teaching Language Arts in Elementary Schools; Grade Method: REG/AUD. — 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 1315) Roderick, J

EDCI650 Trends in Mathematics Education; Grade Method: REG/AUD. — 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 2121) Graeber, A

EDCI660 Corrective Reading Instruction; Grade Method: REG/AUD. Prerequisite: EDCI 362 or EDCI 463 or equivalent. — 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 0202) Koskinen, P

EDCI664 Clinical Assessment in Reading; Grade Method: REG/AUD. Prerequisites: EDCI 660; and [EDCI 663 or EDCI 667]. — 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 1121) Davey, H

EDCI666 The Role of the Reading Resource Teacher; Grade Method: REG/AUD. Prerequisites: [EDCI 663 or EDCI 667]; and EDMS 645. — 3 credits
0101 M.....4:15pm- 7:00pm (EDU 1121) Dreher, J

EDCI670 Trends in School Curriculum: Science; Grade Method: REG/AUD. — 3 credits
0101 Tu.....7:00pm- 9:45pm (EDU 2212) Lockard, J

EDCI671 Teaching Science in Elementary Schools; Grade Method: REG/AUD. — 3 credits
0101 M.....7:00pm-10:00pm (EDU 2212) Dierking, L

EDCI685 Research Methods; Grade Method: REG/AUD. — 3 credits
0101 W.....4:15pm- 7:00pm (EDU 2101) Dreher, J

EDCI693 (PermReq) Research on Effective Teaching; Grade Method: REG. Prerequisite: permission of department. Masters certification students only. — 3 credits
0101 W.....4:15pm- 7:00pm (JMZ 1103) Borko, H

EDCI769 Theory and Research in Reading; Grade Method: REG/AUD. — 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 1121) Davey, H

EDCI771 Theory and Research in Science Education; Grade Method: REG/AUD. Prerequisites: EDCI 770; and EDMS 646; or permission of department. — 3 credits
0101 M.....4:15pm- 7:00pm (EDU 2212) Holliday, W

EDCI780 Theory and Research on Teaching; Grade Method: REG/AUD. — 3 credits
0101 Tu.....4:15pm- 7:00pm (JMZ 1120) STAFF

EDCI788G Selected Topics in Teacher Education: Proseminar; Grade Method: REG/AUD. — 3 credits
0101 M.....9:00am-11:00am (EDU 0202) STAFF
Time and room to be arranged DIS

EDCI788I (PermReq) Selected Topics in Teacher Education: Teaching of Reading and Writing: Elementary and Secondary; Grade Method: REG. Masters certification students only. — 3 credits
0101 Tu.....4:15pm- 7:00pm (ASY 3215) O'Flahaven, J

EDCI788L (PermReq) Selected Topics in Teacher Education: Elementary Instruction in Content Area: Elementary; Grade Method: REG. Master's certification students only. — 3 credits
0101 M.....1:00pm- 4:00pm (EDU 2212) Eley Jr, G

EDCI788N Selected Topics in Teacher Education: Doctoral Research Seminar in Science Education; Grade Method: REG/AUD. — 1 credit
0101 Th.....7:00pm- 9:00pm (EDU 2212) Holliday, W

EDCI788T Selected Topics in Teacher Education: Proseminar in Professional Training and Development; Grade Method: REG/AUD. — 3 credits
0101 M.....7:00pm- 9:45pm (EDU 1121) Henkelman, J

EDCI798 (PermReq) Special Problems in Teacher Education; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

EDCI799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

EDCI858 Seminar in Mathematics Education; Grade Method: REG/AUD. — 1 credit
0101 F.....10:00am-12:00pm (EDU 2121) Graeber, A
Time and room to be arranged DIS

EDCI880 Doctoral Proposal Seminar; Grade Method: REG/AUD. Prerequisites: EDCI 685; and EDCI 780; and permission of department. — 3 credits
0201 W.....4:15pm- 7:00pm (EDU 0210) Weaver, V

EDCI888 (PermReq) Apprenticeship in Education; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

EDCI889 (PermReq) Internship in Education; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3-8 credits

EDCI899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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EDCP Education Counseling and Personnel Services (Education)

All sections of EDCP 108, except EDCP 108R, closed to seniors.

EDCP108B College and Career Advancement: Concepts and Skills: Reading and Study Skills; Grade Method: REG/P-F/AUD. — 1 credit
0201 WF.....9:00am- 9:50am (SHM 2102) Van Brunt, J

EDCP108D College and Career Advancement: Concepts and Skills: Career Planning and Decision Making; Grade Method: REG/P-F/AUD. Recommended for second semester freshmen and sophomores. — 1 credit
0101 M.....1:00pm- 3:00pm (EDU 3236) STAFF
0201 M.....2:00pm- 4:00pm (EDU 1315) STAFF
0301 Tu.....12:30pm- 2:30pm (EDU 0210) STAFF
0401 Th.....12:00pm- 2:00pm (JRN 1101) STAFF
0601 W.....2:00pm- 4:00pm (EDU 0202) STAFF

EDCP108K College and Career Advancement: Concepts and Skills: Reading at the College Level.; Grade Method: REG. — 1 credit
0101 WF.....9:00am-10:00am (KEY 0124) Van Brunt, J

EDCP108L College and Career Advancement: Concepts and Skills: Listening and Note-Taking; Grade Method: REG. — 1 credit
0101 WF.....9:00am-10:00am (WDS 1127) Van Brunt, J

EDCP108M College and Career Advancement: Concepts and Skills: Math Study Skills and Building Confidence; Grade Method: REG/AUD. Enrollment limited to students concurrently enrolled in MATH 001 or MATH 002. — 1 credit
0101 Meets 09/10/90 - 10/19/90 Shearn, E
MWF.....1:00pm- 1:50pm (HBK 1108)
0301 Meets 09/05/90 - 10/31/90 Shearn, E
MW.....4:00pm- 4:50pm (MTH 0106)
Must be concurrently enrolled in MATH 115, section 0309.

EDCP108N College and Career Advancement: Concepts and Skills: Minority Students; Grade Method: REG. Hispanic students are encouraged to register for these sections taught by a hispanic instructor: 0112, 0113. — 1 credit
0101 M.....2:00pm- 3:00pm (HBK 0117) Johnson, F
0102 M.....3:00pm- 4:00pm (HBK 1116) Mack, P
0105 F.....9:00am-10:00am (HBK 0123) Davis, D
0106 F.....10:00am-11:00am (HBK 0123) Davis, D
0108 Th.....10:00am-11:00am (HBK 0105) Zeigler, R
0109 Th.....11:00am-12:00pm (HBK 0105) Jackson, J
0111 M.....10:00am-11:00am (HBK 0123) Zeigler, R
0112 M.....11:00am-12:00pm (HBK 0123) Fuertes, J
0113 Tu.....12:00pm- 1:00pm (HBK 0115) Fuertes, J
0114 Th.....12:00pm- 1:00pm (HBK 0105) Smith, J

EDCP108O College and Career Advancement: Concepts and Skills: The Student in the University; Grade Method: REG. For first-time freshman only. — 1 credit
0101 M.....3:00pm- 5:00pm (EGR 0104) Berman, M
Recommended for engineering majors.
0201 M.....3:00pm- 5:00pm (EGR 2102) Berman, M
Recommended for engineering majors.
0301 Tu.....3:00pm- 5:00pm (EGR 1106) Berman, M
Recommended for engineering majors.
0401 Tu.....3:00pm- 5:00pm (EGR 1124) Berman, M
Recommended for engineering majors.
0501 Th.....10:00am-12:00pm (COL 3110) Beardsley, K
Recommended for students in the College of Behavioral and Social Sciences.
0601 Th.....1:00pm- 3:00pm (JMZ 2122) Beardsley, K
Recommended for minority students in the College of Behavioral and Social Sciences.
0701 Tu.....2:00pm- 4:00pm (EDU 1203) Higgins, W
Recommended for students in the College of Life Sciences.
0801 Th.....2:00pm- 4:00pm (HBK 0125) Bean, G
Recommended for students in the College of Life Sciences.
0901 Tu.....9:00am-11:00am (SYM 0115) Klavon, A
Recommended for students in the College of Life Sciences.
1001 Tu.....2:00pm- 4:00pm (SYM 0115) Seibel, R
Recommended for students in the College of Agriculture.
1101 W.....10:00am-12:00pm (CHE 2118) Williams, T
Recommended for students in the College of Computer, Mathematical, and Physical Sciences.
1201 Tu.....1:00pm- 3:00pm (COL 0102) Strumpf, G
1301 M.....3:00pm- 5:00pm (COL 3114) Strumpf, G
1401 M.....2:00pm- 4:00pm (EDU 1203) Strumpf, G
1501 Tu.....2:00pm- 4:00pm (EDU 0202) Strumpf, G
1601 W.....3:00pm- 5:00pm (COL 3112) Strumpf, G
1701 Tu.....10:00am-12:00pm (JMZ 0103) Strumpf, G
1801 Th.....10:00am-12:00pm (COL 3112) Strumpf, G
1901 Th.....2:00pm- 4:00pm (CHE 2118) Strumpf, G
2001 M.....2:00pm- 4:00pm (COL 0100) Strumpf, G
2101 Th.....2:00pm- 4:00pm (COL 3114) Strumpf, G
2201 Th.....3:00pm- 5:00pm (JMZ 2122) Strumpf, G
2301 W.....2:00pm- 4:00pm (COL 3114) Standish, B
Recommended for commuter students.
2401 MTh.....3:00pm- 4:00pm (MTH B0420) Strumpf, G

EDCP108R College and Career Advancement: Concepts and Skills: Returning Students; Grade Method: REG/P-F/AUD. — 1 credit
0101 W.....1:00pm- 3:00pm (EDU 1315) Greenfeig, B
0201 Th.....12:30pm- 2:30pm (JMZ 0125) Goldberg, B

EDCP108T College and Career Advancement: Concepts and Skills: Time Management; Grade Method: REG. — 1 credit
0101 WF.....9:00am-10:00am (WDS 1114) Van Brunt, J

EDCP108X College and Career Advancement: Concepts and Skills: Study Skills for International Students; Grade Method: REG/AUD. — 1 credit
0101 Meets 09/11/90 - 11/15/90 Hewett, N
TuTh.....2:00pm- 3:15pm (JMZ 0202)

EDCP310 Peer Counseling Theory and Skills; Grade Method: REG. — 3 credits
0101 TuTh.....9:30am-11:00am (EDU 2203) STAFF
0301 W.....4:15pm- 7:00pm (JMZ 1120) STAFF

EDCP310A (PermReq) Peer Counseling Theory and Skills; Grade Method: REG. Minority peer counseling. Recommended for students interested in helping minority students at UMCP. — 3 credits
0101 W.....2:00pm- 4:45pm (HBK 0117) STAFF

EDCP386 (PermReq) Field Work; Grade Method: REG. Concurrent with EDCP 387. — 2 credits
0101 Time and room to be arranged Komives, S

EDCP387 (PermReq) Field Work Analysis; Grade Method: REG. Concurrent with EDCP 386. — 1 credit
0101 Time and room to be arranged Komives, S

EDCP413 Behavior Modification; Grade Method: REG. — 3 credits
0101 W.....7:00pm- 9:30pm (EDU 0212) Pumroy, D

EDCP417 (PermReq) Group Dynamics and Leadership; Grade Method: REG/P-F/AUD. Prerequisite: permission of department. — 3 credits
0101 TuTh.....11:00am-12:15pm (EDU 3236) Cuyjet, M
0201 TuTh.....2:00pm- 3:15pm (EDU 3236) Cuyjet, M
0401 TuTh.....11:00am-12:15pm (EDU 0114) Cuyjet, M

EDCP420 Education and Racism; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. — 3 credits
0101 M.....4:15pm- 7:00pm (EDU 0212) Sedlacek, W

EDCP461 Psycho-Social Aspects of Disability; Grade Method: REG. — 3 credits
0101 Tu.....4:15pm- 7:00pm (JMZ 1122) Lawrence, R

EDCP462 The Disabled Person in American Society; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (EDU 1121) Power, P

EDCP489 (PermReq) Field Experiences in Counseling and Personnel Services; Grade Method: REG. — 1-4 credits
0101 Time and room to be arranged STAFF
1901 Time and room to be arranged Pumroy, D
2071 Time and room to be arranged Komives, S

EDCP499L (PermReq) Workshops, Clinics, Institutes: Preparation to Lead Relationship Skills Workshops; Grade Method: REG/P-F/AUD. — 3 credits
0201 Time and room to be arranged Mielke, P

EDCP605 Issues in Counseling Adults; Grade Method: REG. — 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 2101) Schlossberg, N

EDCP610C Professional Orientation; Grade Method: REG/AUD. Limited to community counseling students. — 3 credits
0101 W.....4:15pm- 7:00pm (JMZ 1117) Otani, A

EDCP610P Professional Orientation; Grade Method: REG/AUD. Limited to school psychology students. — 3 credits
0101 W.....4:15pm- 7:00pm (EDU 3202) Strein, W

EDCP610R Professional Orientation; Grade Method: REG/AUD. Limited to rehabilitation counseling students. — 3 credits
0101 W.....4:15pm- 7:00pm (EDU 0206) Hershenson, D

EDCP610S Professional Orientation; Grade Method: REG/AUD. Limited to school counseling students. — 3 credits
0101 W.....4:15pm- 7:00pm (EDU 3236) Greenberg, K

EDCP610U Professional Orientation; Grade Method: REG. Limited to college student personnel students. — 3 credits
0101 W.....4:15pm- 7:00pm (EDU 3233) Komives, S

EDCP614 Personality Theories in Counseling and Personnel Services; Grade Method: REG/AUD. — 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 0202) Greenberg, K

EDCP616 Counseling II: Theory and Practice; Grade Method: REG/AUD. Prerequisite: EDCP 615. Corequisite: EDCP 618. Limited to EDCP majors only; concurrent enrollment in EDCP 618 required. — 3 credits
0101 Tu.....4:15pm- 7:00pm (ARC 1101) Strein, W
0201 Tu.....4:15pm- 7:00pm (EDU 2102) Fassinger, R

EDCP617 Group Counseling: Grade Method: REG/AUD. Prerequisite: EDCP 616. Limited to EDCP majors. — 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 3233) Cook, D

EDCP618 Counseling Skills: Introduction to Practicum; Grade Method: REG. To be taken concurrently with EDCP 616. — 1 credit
0101 M.....7:00pm- 9:00pm (EDU 0202) STAFF
0201 M.....7:00pm- 9:00pm (EDU 1203) STAFF

EDCP619C (PermReq) Practicum in Counseling; Grade Method: REG/AUD. Limited to community counseling majors. — 3 credits
0101 W.....1:00pm- 4:00pm (Arranged) STAFF
0201 W.....4:15pm- 7:00pm (JMZ 1125) Lawrence, R
0301 Th.....1:00pm- 4:00pm (EDU 0210) STAFF

EDCP619R Practicum in Counseling; Grade Method: REG/AUD. Rehabilitation students only. — 2-6 credits
0101 Tu.....7:00pm- 9:40pm (EDU 0210) Lawrence, R

EDCP619U Practicum in Counseling; Grade Method: REG. Limited to CSPA majors. — 2-6 credits
0101 Tu.....1:00pm- 4:00pm (JMZ 1125) STAFF
0201 Tu.....1:00pm- 4:00pm (SHM 1103) STAFF
0301 Th.....2:00pm- 5:00pm (JMZ 1125) Boyd, V

EDCP625 (PermReq) Counseling the Chemically Dependent; Grade Method: REG/AUD. — 3 credits
0101 Th.....12:00pm- 2:45pm (EDU 0202) Vayhinger, B

EDCP633 Diagnostic Appraisal of Children I; Grade Method: REG/AUD. Prerequisite: EDCP 726. Corequisite: EDCP 738. Concurrent registration in EDCP 789T required. — 3 credits
0101 Th.....8:30am-12:15pm (EDU 0206) Teglasi-Golubco

EDCP635 Therapeutic Techniques and Classroom Management I; Grade Method: REG/AUD. — 3 credits
0101 Th.....12:30pm- 3:15pm (EDU 2203) Pumroy, D

EDCP658 Counseling and Personnel Services Seminar; Grade Method: REG. Recommended for first year CSPA students only. — 2 credits
0101 W.....4:15pm- 7:00pm (JMZ 0202) STAFF

EDCP664 Vocational Evaluation; Grade Method: REG. — 3 credits
0101 M.....4:15pm- 7:00pm (EDU 1203) Power, P

EDCP685 Social Support Systems for Counseling; Grade Method: REG/AUD. — 3 credits
0101 Tu.....7:00pm-10:00pm (EDU 2203) Power, P

EDCP717 Evaluation of Research in Counseling; Grade Method: REG. Prerequisite: permission of department. — 3 credits
0101 W.....1:00pm- 4:00pm (EDU 1203) Hoffman, M

EDCP718 Advanced Seminar in Group Processes: Group Counseling Practicum; Grade Method: REG/AUD. For counseling psychology majors only. — 3 credits
0101 Th.....12:30pm- 3:00pm (EDU 1203) Cook, D

EDCP735 Seminar in Rehabilitation Counseling; Grade Method: REG. — 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 0208) Hershenson, D

EDCP738 Practicum in Child Assessment; Grade Method: REG/AUD. — 2-3 credits
0101 Tu.....8:30am-12:15pm (EDU 0202) Teglasi-Golubco

EDCP778 Research Proposal Seminar; Grade Method: REG. Limited to EDCP majors. — 3 credits
0201 Tu.....10:00am-12:45pm (EDU 1203) Hoffman, M

EDCP788 Advanced Practicum; Grade Method: REG/AUD. 1-6 credits
0101 Tu.....10:00am-12:30pm (EDU 1315) Birk, J

EDCP789E Advanced Topics in Counseling and Personnel Services: Designing Career Development System for Organization; Grade Method: REG. 3 credits
0101 M.....4:15pm- 7:00pm (WDS 1130) Leibowitz, Z

EDCP789I Advanced Topics in Counseling and Personnel Services: Professional Issues in Counseling Psychology; Grade Method: REG. Limited to counseling PSYC majors. 1 credit
0101 W.....8:30am-10:00am (EDU 3233) Birk, J
Time and room to be arranged DIS

EDCP789L Advanced Topics in Counseling and Personnel Services: Doctoral Seminar in Professional Issues; Grade Method: REG. 1 credit
0101 Tu.....2:00pm- 4:00pm (EDU 2203) Komives, S

EDCP789R Advanced Topics in Counseling and Personnel Services: Pre-Practicum in School Counseling; Grade Method: REG/AUD. 3 credits
0101 W.....4:15pm- 7:00pm (JMZ 1122) Rhoads, D

EDCP789V (PermReq) Advanced Topics in Counseling and Personnel Services: Advanced Seminar in Student Development Theory; Grade Method: REG. Prerequisite: EDCP 771. 3 credits
0101 M.....4:15pm- 7:00pm (EDU 1315) McEwen, M

EDCP789X (PermReq) Advanced Topics in Counseling and Personnel Services: Practicum in Consultation; Grade Method: REG. Limited to counseling psychology majors only. 3 credits
0201 Tu.....12:30pm- 3:00pm (Arranged) Fassinger, R

EDCP798 (PermReq) Special Problems in Counseling and Personnel Services; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

EDCP798B Special Problems in Counseling and Personnel Services: Joint Vocational Education Seminar; Grade Method: REG/AUD. 3 credits
0101 W.....4:15pm- 7:00pm (JMP 1202) Hebeler, J

EDCP799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

EDCP888 (PermReq) Apprenticeship in Counseling and Personnel Services; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

EDCP888U Apprenticeship in Counseling and Personnel Services: College Student Personnel Administration Apprenticeship; Grade Method: REG/AUD. 3 credits
0101 M.....3:30pm- 6:00pm (EDU 3202) STAFF

EDCP889 (PermReq) Internship in Counseling and Personnel Services; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 3-8 credits

EDCP899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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EDHD Education, Human Development (Education)

EDHD300E (PermReq) Human Development and Learning; Grade Method: REG/P-F/AUD. 6 credits
0201 MW.....12:00pm- 2:00pm (EDU 3315) Bennett, S
F.....8:00am- 1:00pm (Arranged) LAB
0301 TuTh.....12:00pm- 2:00pm (EDU 3315) Green, H
W.....8:00am- 1:00pm (Arranged) LAB

EDHD300S (PermReq) Human Development and Learning; Grade Method: REG/AUD. Secondary emphasis. Open only to students with junior standing who are following a complete teacher education program. First class meeting determined by campus section, not off-campus lab day. 6 credits
0701 MF.....12:00pm- 2:00pm (EDU 1315) STAFF
W.....11:00am- 3:00pm (Arranged) LAB
0801 TuTh.....12:30pm- 2:30pm (EDU 3233) Gardner, A
Tu.....8:00am-12:00pm (Arranged) LAB
0901 MF.....10:00am-12:00pm (EDU 0212) Wigfield, A
W.....11:00am- 3:00pm (Arranged) LAB

EDHD306 Study of Human Behavior; Grade Method: REG/AUD. USP Distributive Studies Area D Course. 3 credits
0201 TuTh.....9:30am-10:45am (EDU 1121) STAFF
0401 MWF.....10:00am-10:50am (EDU 1107) STAFF

EDHD320 Human Development Through the Lifespan; Grade Method: REG/AUD. 3 credits
0101 TuTh.....11:00am-12:15pm (EDU 0212) STAFF
0201 TuTh.....12:30pm- 1:45pm (EDU 0212) STAFF
0401 MWF.....10:00am-10:50am (EDU 3315) STAFF

EDHD330 Human Development and Societal Institutions; Grade Method: REG/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D Course. 3 credits
0101 TuTh.....11:00am-12:15pm (EDU 1121) Torney-Purta, J
0201 MWF.....12:00pm-12:50pm (EDU 0212) STAFF

EDHD340 Human Development Aspects of the Helping Relationship; Grade Method: REG/AUD. 3 credits
0101 TuTh.....9:30am-10:45am (EDU 3315) STAFF

EDHD350 Human Development Factors in Personal Development; Grade Method: REG/AUD. 3 credits
0101 TuTh.....11:00am-12:15pm (EDU 2102) STAFF

EDHD386 (PermReq) Field Work; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

EDHD387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

EDHD400 Introduction to Gerontology; Grade Method: REG/AUD. 3 credits
0101 Tu.....1:00pm- 3:45pm (JMZ 0208) Shifflet, A

EDHD411 Child Growth and Development; Grade Method: REG/AUD. 3 credits
0101 W.....4:15pm- 7:00pm (ASY 3219) Byrnes, J

EDHD413 Adolescent Development; Grade Method: REG/AUD. USP Advanced Studies Analysis of Human Problems Course. 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 3315) Gardner, A
0201 TuTh.....12:30pm- 1:45pm (EDU 1121) STAFF

EDHD419A Human Development and Learning in School Settings: Infancy and Preschool; Grade Method: REG/AUD. Open to pre-early childhood and early childhood education majors only. 3 credits
0101 Tu.....10:00am-12:00pm (EDU 1107) Eliot, J
MW.....9:00am-12:00pm (Arranged) LAB

EDHD445 Guidance of Young Children; Grade Method: REG/AUD. USP Advanced Studies Analysis of Human Problems Course. Prerequisite: PSYC 100 or EDHD 306 or permission of department. 3 credits
0101 M.....4:15pm- 7:00pm (EDU 3315) STAFF
0201 TuTh.....2:00pm- 3:15pm (EDU 0212) Marcus, R
0401 TuTh.....11:00am-12:15pm (EDU 2110) Marcus, R

EDHD460 Educational Psychology; Grade Method: REG/AUD. Prerequisite: PSYC 100 or EDHD 306 or permission of department. 3 credits
0101 TuTh.....2:00pm- 3:15pm (EDU 3315) Byrnes, J
0201 W.....4:15pm- 7:00pm (ASY 3217) STAFF

EDHD489 (PermReq) Field Experiences in Education; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-4 credits

EDHD498 (PermReq) Special Problems in Education; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

EDHD600 Introduction to Human Development and Child Study; Grade Method: REG/AUD. 3 credits
0101 Tu.....7:00pm- 9:45pm (EDU 2102) Huebner, R

EDHD601 Biological Bases of Behavior; Grade Method: REG/AUD. Pre- or corequisite: EDHD 600. 3 credits
0101 M.....4:15pm- 7:00pm (EDU 0114) Bennett, S

EDHD602 Social Bases of Behavior; Grade Method: REG/AUD. 3 credits
0101 Tu.....7:00pm- 9:45pm (EDU 1107) Wentzel, K

EDHD620 Aging in the Cultural Context; Grade Method: REG/AUD. 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 0212) Robertson-Tchab

EDHD692 Cognitive Basis of Instruction; Grade Method: REG/AUD. Prerequisite: permission of department. 3 credits
0101 W.....7:00pm- 9:45pm (EDU 3233) Robertson-Tchab

EDHD700 Infant Development; Grade Method: REG/AUD. 3 credits
0101 M.....9:30am-12:45pm (EDU 3233) Fox, N

EDHD710 Affectional Relationships and Processes in Human Development; Grade Method: REG/AUD. Pre- or corequisite: EDHD 600 or equivalent. 3 credits
0101 W.....4:15pm- 7:00pm (EDU 2203) Flatter, C

EDHD721 Learning Theory and the Educative Process I; Grade Method: REG/AUD. 3 credits
0101 Th.....7:00pm- 9:45pm (EDU 2102) Pressley, M
0201 W.....4:15pm- 7:00pm (TWS 1204) Wentzel, K

EDHD722 Learning Theory and the Educative Process II; Grade Method: REG/AUD. Prerequisite: EDHD 721 or permission of department. 3 credits
0101 M.....7:00pm- 9:45pm (EDU 3233) Eliot, J

EDHD740 Theories of Conflict Resolution in Human Development; Grade Method: REG/AUD. Prerequisite: permission of department. 3 credits
0101 Th.....7:00pm- 9:45pm (EDU 2119) Hunt, E

EDHD779E (PermReq) Special Topics in Human Development: Developmental Lab; Grade Method: REG/AUD. 3 credits
0101 Time and room to be arranged Porges, S

EDHD779L (PermReq) Special Topics in Human Development: Laboratory in Developmental Psychophysiology; Grade Method: REG/AUD. 3 credits
0101 M.....4:15pm- 7:00pm (EDU 3236) Porges, S

EDHD780 Research Methods in Human Development; Grade Method: REG/AUD. Prerequisite: EDHS 651 or permission of department. 3 credits
0101 M.....7:00pm- 9:45pm (EDU 2203) Huebner, R

EDHD789 Internship in Human Development; Grade Method: REG/AUD. 3-8 credits
1401 Time and room to be arranged Hunt, E
2201 Time and room to be arranged Robertson-Tchab
2501 Time and room to be arranged Tyler, B

EDHD798 (PermReq) Special Problems in Education; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Limited to human development majors. 1-6 credits

EDHD799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Limited to human development majors. 1-6 credits

EDHD810 Physical Processes in Human Development I; Grade Method: REG/AUD. Prerequisite: EDHD 601 or permission of department. 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 0208) Porges, S

EDHD820 Socialization Processes in Human Development I; Grade Method: REG/AUD. Prerequisite: EDHD 602 or permission of department. 3 credits
0101 W.....4:15pm- 7:00pm (EDU 1203) Torney-Purta, J

EDHD830 Self Processes in Human Development I; Grade Method: REG/AUD. Prerequisite: EDHD 603 or permission of department. 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 2119) Tyler, B

EDHD831 Self Processes in Human Development II; Grade Method: REG/AUD. Prerequisite: EDHD 830 or permission of department. 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 3315) Marcus, R

EDHD878 Team Research in Human Development; Grade Method: REG/AUD. 3 credits
0101 Time and room to be arranged Fox, N
0201 W.....4:15pm- 7:00pm (TWS 1202) Robertson-Tchab
0301 Tu.....4:15pm- 7:00pm (EDU 0210) Flatter, C

EDHD888 (PermReq) Apprenticeship in Education; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

EDHD889 (PermReq) Internship in Education; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 3-8 credits

EDHD899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Limited to human development majors. 1-8 credits

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EDIT Industrial, Technological and Occupational Education (Education)

EDIT101 Mechanical Drawing I; Grade Method: REG/AUD. 2 credits
0101 MW.....9:00am- 9:50am (JMP 3201) Petrina, S
M.....11:00am- 1:00pm (JMP 2229) LAB
0201 MW.....9:00am- 9:50am (JMP 3201) Petrina, S
W.....11:00am- 1:00pm (JMP 2229) LAB
0301 TuTh.....8:00am- 8:50am (JMP 2229) STAFF
Th.....10:00am-12:00pm (JMP 2229) LAB

EDIT102 Fundamentals of Woodworking; Grade Method: REG/P-F/AUD. 3 credits
0301 TuTh.....9:00am-12:00pm (JMP 1210) STAFF
TuTh.....9:00am-12:00pm (JMP 1210) LAB

EDIT112 Technical Calculations; Grade Method: REG/P-F/AUD. 3 credits
0101 MWF.....10:00am-10:50am (JMP 3201) Stough, K

EDIT114 Principles of Typewriting; Grade Method: REG. 2 credits
0201 MTuWTh.....2:00pm- 2:50pm (JMP 2115) Spear, M
0301 MTuWTh.....1:00pm- 1:50pm (JMP 2115) Spear, M

EDIT121 Mechanical Drawing II; Grade Method: REG/AUD. Prerequisite: EDIT 101. 2 credits
0101 TuTh.....2:00pm- 2:50pm (JMP 2229) Petrina, S
Tu.....3:00pm- 5:00pm (JMP 2229) LAB
0201 TuTh.....2:00pm- 2:50pm (JMP 2229) Petrina, S
Th.....3:00pm- 5:00pm (JMP 2229) LAB

EDIT127 Fundamentals of Electricity Electronics; Grade Method: REG/P-F/AUD. 3 credits
0201 TuTh.....9:00am-12:00pm (JMP 2201) Ceppaluni, V
0301 MW.....6:00pm- 9:00pm (JMP 2201) Wall, J
0401 TuTh.....6:00pm- 9:00pm (JMP 2201) Wall, J

EDIT160 Design Illustrating I; Grade Method: REG/P-F/AUD. Recommended for interior design, advertising design, pre-design, landscape design, and horticulture majors only. 3 credits
0101 TuTh.....6:00pm- 9:00pm (JMP 2108) Schuma, J
TuTh.....6:00pm- 9:00pm (JMP 2108) LAB
0201 MWF.....11:00am- 1:00pm (JMP 2108) Ceppaluni, V
MWF.....11:00am- 1:00pm (JMP 2108) LAB
0301 MW.....7:00pm-10:00pm (JMP 2108) Chory, M
MW.....7:00pm-10:00pm (JMP 2108) LAB
0401 TuTh.....8:00am-11:00am (JMP 2108) Andrew, K
TuTh.....8:00am-11:00am (JMP 2108) LAB
0501 TuTh.....11:00am- 2:00pm (JMP 2108) Blom, R
TuTh.....11:00am- 2:00pm (JMP 2108) LAB
0601 TuTh.....2:00pm- 5:00pm (JMP 2108) Blom, R
TuTh.....2:00pm- 5:00pm (JMP 2108) LAB

EDIT202 Machine Woodworking; Grade Method: REG/P-F/AUD. Prerequisite: EDIT 102 or equivalent. 3 credits
0101 TuTh.....6:00pm- 9:00pm (JMP 1210) STAFF
TuTh.....6:00pm- 9:00pm (JMP 1210) LAB

EDIT207 Bases For Curriculum Decision in Home Economics; Grade Method: REG/P-F/AUD. Leave half day free, Tuesday, Wednesday, or Thursday p.m., for observation. 3 credits
0101 TuTh.....9:30am-10:50am (JMP 3105) Gentzler, Y

EDIT210 Foundry; Grade Method: REG/P-F/AUD. Students must also register for same section of EDIT 223. 1 credit
0101 MW.....8:00am-10:00am (JMP 1109) Pozonsky, C
MW.....8:00am-10:00am (JMP 1108)
0201 MW.....10:00am-12:00pm (JMP 1109) Pozonsky, C
MW.....10:00am-12:00pm (JMP 1108)
0301 Th.....6:00pm-10:00pm (JMP 1109) Pozonsky, C
Th.....6:00pm-10:00pm (JMP 1108)

EDIT214 Office Typewriting Problems; Grade Method: REG. Prerequisite: minimum grade of C in EDIT 115. 2 credits
0101 MTuWTh.....9:00am- 9:50am (JMP 3106) Marschall, S

EDIT215 Survey of Office Machines; Grade Method: REG. 3 credits
0101 MWF.....10:00am-11:50am (JMP 3108) Spear, M

EDIT223 Arc and Gas Welding; Grade Method: REG/P-F/AUD. Student must also register for same section of EDIT 210. 1 credit
0101 Time and room to be arranged Pozonsky, C
0201 Time and room to be arranged Pozonsky, C
0301 Time and room to be arranged Pozonsky, C

EDIT224 (PermReq) Organized and Supervised Work Experiences I; Grade Method: REG/P-F/AUD. 3 credits
0101 Time and room to be arranged Elkins, R

EDIT231 Mechanical Drawing III; Grade Method: REG. Prerequisite: EDIT 121. 2 credits
0101 TuTh.....11:00am- 1:00pm (JMP 3105) Petrina, S

EDIT233 Fundamentals of Power Technology; Grade Method: REG/P-F/AUD. 3 credits
0101 MWF.....8:00am-10:00am (JMP 2123) Ceppaluni, V
MWF.....8:00am-10:00am (JMP 1229) LAB

EDIT234 Graphic Communications; Grade Method: REG/P-F/AUD. 3 credits
0101 MWF.....8:00am-10:00am (JMP 2202) Bell, T
MWF.....8:00am-10:00am (JMP 2222) LAB
0201 MWF.....10:00am-12:00pm (JMP 2202) Bell, T
MWF.....10:00am-12:00pm (JMP 2222) LAB
0301 MWF.....1:00pm- 3:00pm (JMP 2202) Hadden, K
MWF.....1:00pm- 3:00pm (JMP 2222) LAB
0401 MW.....3:00pm- 5:00pm (JMP 2202) Bell, T
MW.....3:00pm- 5:00pm (JMP 2222) LAB
0501 MW.....7:00pm-10:00pm (JMP 2202) Hadden, K
MW.....7:00pm-10:00pm (JMP 2202) LAB

EDIT241 Architectural Drawing; Grade Method: REG/P-F/AUD. Prerequisite: EDIT 101 or equivalent. 2 credits
0101 MW.....1:00pm- 3:00pm (JMP 2229) Craven, H
MW.....1:00pm- 3:00pm (JMP 2229) LAB
0201 MW.....8:00am-11:00am (JMP 2229) Craven, H
MW.....8:00am-11:00am (JMP 2229) LAB

EDIT262 Basic Metal Machining; Grade Method: REG/P-F/AUD. Prerequisite: EDIT 101 or equivalent. 3 credits
0101 TuTh.....1:00pm- 4:00pm (JMP 1109) Pozonsky, C
TuTh.....1:00pm- 4:00pm (JMP 1120) LAB
0201 TuTh.....8:00am-11:00am (JMP 1109) Pozonsky, C
TuTh.....8:00am-11:00am (JMP 1120) LAB

EDIT270 Field Experiences; Grade Method: REG. Reserve one morning per week for visitations. 3 credits
0101 Th.....3:00pm- 3:50pm (JMP 3105) Peters, R
Time and room to be arranged

EDIT291 Introduction to Plastics Technology; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....9:00am-12:00pm (JMP 1202) Wolfe, S
TuTh.....9:00am-12:00pm (JMP 1216) LAB
0201 TuTh.....1:00pm- 4:00pm (JMP 1202) Wolfe, S
TuTh.....1:00pm- 4:00pm (JMP 1216) LAB

EDIT298 (PermReq) Special Problems in Education; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

EDIT311 Laboratory Practicum in Industrial Arts Education; Grade Method: REG/P-F/AUD. Prerequisite: permission of department. 18 semester hours of laboratory work and drawing required. 3 credits
0101 MWF.....8:00am-10:00am (JMP 1201) Maley, D
MWF.....8:00am-10:00am (JMP 2215) LAB

EDIT324 (PermReq) Organized and Supervised Work Experiences II; Grade Method: REG/P-F/AUD. 3 credits
0101 Time and room to be arranged Elkins, R

EDIT334 Photographic and Electronic Graphic Communications; Grade Method: REG/P-F/AUD. Prerequisite: EDIT 234 or equivalent. 3 credits
0101 TuTh.....1:00pm- 4:00pm (JMP 2202) Bell, T
TuTh.....1:00pm- 4:00pm (JMP 2222) LAB

EDIT341 Curriculum, Instruction, and Observation: Business Education; Grade Method: REG. Class meets first eight weeks of the semester. 3 credits
0101 MWF.....2:00pm- 4:00pm (JMP 3105) Peters, R

EDIT360 Industrial Production Technology; Grade Method: REG/P-F/AUD. Prerequisite: EDIT 262 or permission of department. 3 credits
0101 TuTh.....9:30am-10:45am (JMP 3104) Mietus, W
TuTh.....9:30am-10:45am (JMP 3104) LAB

EDIT391 Plastics Processing Fundamentals; Grade Method: REG/P-F/AUD. Prerequisite: EDIT 291 or permission of department. 3 credits
0101 MW.....1:00pm- 4:00pm (JMP 1202) Wolfe, S
MW.....1:00pm- 4:00pm (JMP 1216) LAB

EDIT405 Business Communications; Grade Method: REG. 3 credits
0101 MWF.....12:00pm-12:50pm (JMP 3105) Boyce, J

EDIT406 Word Processing; Grade Method: REG. 3 credits
0101 MW.....12:00pm- 1:15pm (JMP 3108) STAFF
0201 M.....4:15pm- 7:00pm (JMP 3106) Boyce, J

EDIT414 Organization and Coordination of Cooperative Education Programs; Grade Method: REG/P-F/AUD. 3 credits
0101 Tu.....4:15pm- 7:00pm (JMP 3105) Herschbach, D

EDIT415 Financial and Economic Education I; Grade Method: REG/P-F/AUD. First eight weeks only. 3 credits
0101 Meets 09/04/90 - 10/19/90 Hewitt, M
MW.....4:00pm- 7:00pm (JMP 3104)

EDIT422 Student Teaching: Industrial Arts Education; Grade Method: S-F. 2-12 credits
0101 Time and room to be arranged Beatty, C

EDIT425 Analysis of Industrial Training Programs I; Grade Method: REG/P-F/AUD. Junior standing. 3 credits
0101 Th.....4:15pm- 7:00pm (JMP 1202) Martinez, R

EDIT426 Analysis of Industrial Training Programs II; Grade Method: REG/P-F/AUD. Prerequisite: EDIT 425. Junior standing. 3 credits
0101 M.....7:00pm-10:00pm (JMP 1202) Martinez, R

EDIT432 Student Teaching: Business Education; Grade Method: S-F. 12 credits
0101 Time and room to be arranged Peters, R

EDIT435 Curriculum Development in Home Economics; Grade Method: REG/P-F/AUD. 3 credits
0101 W.....12:00pm- 3:00pm (JMP 3225A) Hultgren, F

EDIT443 Industrial Safety I; Grade Method: REG/P-F/AUD. Limited to students with junior/senior standing. 3 credits
0101 W.....7:00pm-10:00pm (JMP 3201) Ashley, R
0201 Tu.....7:00pm-10:00pm (JMP 3104) Ashley, R

EDIT444 Industrial Safety II; Grade Method: REG/P-F/AUD. Limited to students with junior/senior standing. 3 credits
0101 MWF.....2:00pm- 2:50pm (JMP 3201) Ashley, R

EDIT445 Systems Safety Analysis; Grade Method: REG/P-F/AUD. 3 credits
0101 Tu.....7:00pm-10:00pm (JMP 3105) Tomasetti, J

EDIT450 Training Aids Development; Grade Method: REG/P-F/AUD. 3 credits
0101 M.....4:15pm- 7:00pm (JMP 3105) Beatty, C

EDIT451 Research and Experimentation in Industrial Arts; Grade Method: REG/P-F/AUD. 3 credits
0101 M.....7:00pm-10:00pm (JMP 1201) Maley, D

EDIT454 Private Fire Protection Analysis I; Grade Method: REG/P-F/AUD. 3 credits
0101 M.....7:00pm-10:00pm (JMP 3201) Henderson, D

EDIT457 Tests and Measurements; Grade Method: REG/P-F/AUD. 3 credits
0101 Tu.....7:00pm-10:00pm (JMP 3201) Stough, K

EDIT461 Principles of Vocational Guidance; Grade Method: REG/P-F/AUD. 3 credits
0101 W.....7:00pm-10:00pm (JMP 3225) Mietus, W

EDIT464 Laboratory Organization and Management; Grade Method: REG/P-F/AUD. 3 credits
0101 W.....4:15pm- 7:00pm (JMP 3225A) Beatty, C

EDIT465 Modern Industry; Grade Method: REG/P-F/AUD. Junior standing. 3 credits
0101 Th.....7:00pm- 9:45pm (JMP 1202) STAFF

EDIT470 Numerical Control in Manufacturing; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....11:00am-12:15pm (JMP 3201) Elkins, R
TuTh.....11:00am-12:15pm (JMP 3201) LAB

EDIT471 History and Principles of Vocational Education; Grade Method: REG/P-F/AUD. 3 credits
0101 W.....7:00pm-10:00pm (JMP 3104) Herschbach, D

EDIT472 Quality Control and Assurance in Industrial Settings; Grade Method: REG/P-F/AUD. 3 credits
0101 MWF.....11:00am-11:50am (JMP 3105) Sullivan, D

EDIT475 Recent Technological Developments in Products and Processes; Grade Method: REG/P-F/AUD. 3 credits
0101 M.....4:15pm- 7:00pm (JMP 3225) Elkins, R

EDIT476 Application of Technology to Societal Problems; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. 3 credits
0101 MWF.....10:00am-10:50am (JMP 3104) Sullivan, D
0201 MWF.....11:00am-11:50am (JMP 3104) STAFF
0301 MWF.....12:00pm-12:50pm (JMP 3104) STAFF

EDIT477 Microcomputer Applications in Technology and Industry; Grade Method: REG/P-F/AUD. Prerequisite: EDCI 487 or CMSC 103 or permission of department. 3 credits
0101 Th.....4:15pm- 7:00pm (JMP 2207) Elkins, R

EDIT484 Field Experiences in Home Economics Education; Grade Method: REG/P-F/AUD. 3 credits
0101 Time and room to be arranged Stough, K

EDIT485 Field Experiences in Business Education; Grade Method: REG. 3 credits
0101 Time and room to be arranged Peters, R

EDIT4880 (PermReq) Selected Topics in Education: Curriculum Theory and Development in Home Economics; Grade Method: REG/P-F/AUD. — 3 credits
0101 Th.....4:15pm- 7:00pm (JMP 3225) — Gentzler, Y

EDIT488S Selected Topics in Education: Advanced Software Applications in Business Education; Grade Method: REG/P-F/AUD. Prerequisites: EDIT 215, EDIT 406 or permission of department. — 3 credits
0101 Tu.....4:15pm- 7:00pm (JMP 3106) — Spear, M
Tu.....4:15pm- 7:00pm (JMP 3106) LAB

EDIT492 Issues Encountered in Daily Living in the Home; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. Junior standing. — 3 credits
0101 TuTh.....1:00pm- 2:30pm (JMP 3105) — STAFF

EDIT498 (PermReq) Special Problems in Education; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

EDIT499D Workshops, Clinics, and Institutes: Workshop in Vocational Education; Grade Method: REG/P-F/AUD. — 1-3 credits
0101 M.....6:00pm- 7:00pm (JMP 3225A) — Mietus, W
Time and room to be arranged LAB

EDIT499R Workshops, Clinics, and Institutes: Trade Advancement Workshop; Grade Method: REG. See advisor prior to attending workshop/seminars. — 1-3 credits
0101 Time and room to be arranged — STAFF

EDIT640 Research in Industrial Arts and Vocational Education; Grade Method: REG/AUD. — 3 credits
0101 M.....4:15pm- 7:00pm (JMP 3225A) — Mietus, W

EDIT642 Coordination in Work-Experience Programs; Grade Method: REG/AUD. — 3 credits
0101 Tu.....4:15pm- 7:00pm (JMP 3105) — Herschbach, D

EDIT647 Seminar in Industrial Arts and Vocational Education; Grade Method: REG/AUD. — 3 credits
0101 M.....4:15pm- 7:00pm (JMP 3225A) — Mietus, W

EDIT650 Teacher Education in Industrial Arts; Grade Method: REG/AUD. — 3 credits
0101 Tu.....7:00pm-10:00pm (JMP 2202) — Erekson, T

EDIT760 Modes of Inquiry in Industrial and Social Institutions; Grade Method: REG/AUD. — 3 credits
0101 Tu.....4:15pm- 7:00pm (JMP 1202) — Hultgren, F

EDIT780 Leadership Seminar in Vocational Education; Grade Method: REG/AUD. — 3 credits
0101 W.....4:15pm- 7:00pm (JMP 1202) — Erekson, T

EDIT788A Selected Topics in Education: Laboratory Practicum in Industrial Arts Education; Grade Method: REG/AUD. For graduate students only. — 3 credits
0101 MWF.....8:00am-10:00am (JMP 1201) — Maley, D
MWF.....8:00am-10:00am (JMP 2215) LAB

EDIT788O (PermReq) Selected Topics in Education: Curriculum Theory and Development in Home Economics; Grade Method: REG/AUD. — 3 credits
0101 Th.....4:15pm- 7:00pm (JMP 3225) — Gentzler, Y

EDIT798 (PermReq) Special Problems in Education; Grade Method: REG/AUD. Individual Inatruction course: contact department or instructor to obtain section number. — 1-6 credits

EDIT799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

EDIT821 Seminar in Business Education; Grade Method: REG/AUD. Joint vocational education seminar. — 3 credits
0101 W.....4:15pm- 7:00pm (JMP 1202) — Hebeler, J

EDIT888 (PermReq) Apprenticeship in Education; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

EDIT889 (PermReq) Internship in Education; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3-8 credits

EDIT899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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EDMS Measurement, Statistics, and Evaluation (Education)

EDMS410 Principles of Testing and Evaluation; Grade Method: REG/AUD. — 3 credits
0101 TuTh.....3:30pm- 4:45pm (EDU 4233) — Schafer, W
0201 MW.....3:30pm- 4:45pm (EDU 4233) — Lissitz, R

EDMS451 Introduction to Educational Statistics; Grade Method: REG/AUD. USP Advanced Studies Development of Knowledge Course. Limited to students with cumulative credits of 80. Students in programs requiring a different introductory applied statistics course for the major, eg., BMGT, PSYC, ECON and possibly others, may not use EDMS 451 to satisfy the USP Advanced Studies requirments. — 3 credits
0201 TuTh.....2:00pm- 3:15pm (EDU 4233) — Macready, G
0401 TuTh.....12:30pm- 1:45pm (EDU 4233) — Moulin-Julian,
0601 MW.....11:00am-12:15pm (EDU 4233) — Moulin-Julian,

EDMS623 Applied Measurement: Issues and Practices; Grade Method: REG/AUD. Prerequisite: EDMS 646. — 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 1107) — Benson, J

EDMS626 Measurement Techniques For Research; Grade Method: REG/AUD. Prerequisite: EDMS 646. — 3 credits
0101 W.....4:15pm- 7:00pm (ASY 3211) — Johnson, C

EDMS645 Quantitative Research Methods I; Grade Method: REG/AUD. — 3 credits
0101 TuTh.....5:00pm- 6:15pm (EDU 4233) — Skaggs, G
0102 TuTh.....7:00pm- 8:15pm (EDU 1121) — Skaggs, G
0103 MW.....7:00pm- 8:15pm (EDU 4233) — Johnson, C
0104 MW.....5:00pm- 6:15pm (ASY 3215) — DeRyals, R

EDMS646 Quantitative Research Methods II; Grade Method: REG/AUD. Prerequisite: EDMS 645. — 3 credits
0101 TuTh.....5:00pm- 6:15pm (ASY 3207) — Macready, G

EDMS651 Intermediate Statistics in Education; Grade Method: REG/AUD. Prerequisite: EDMS 646. — 3 credits
0101 TuTh.....4:15pm- 5:30pm (ASY 3219) — Dayton, C
0201 MW.....4:15pm- 5:30pm (ASY 3203) — Schafer, W

EDMS657 Factor Analysis; Grade Method: REG/AUD. Prerequisite: EDMS 651. — 3 credits
0101 M.....4:15pm- 7:00pm (EDU 2119) — Dayton, C

EDMS738 (PermReq) Seminar in Special Problems in Measurement; Grade Method: REG/AUD. — 1-3 credits
0101 Time and room to be arranged — STAFF

EDMS769D Special Topics in Applied Statistics in Education; Grade Method: REG/AUD. Prerequisite: EDMS 646 — 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 0212) — Stunkard, C

EDMS779 (PermReq) Seminar in Applied Statistics; Grade Method: REG/AUD. — 1-3 credits
0101 Time and room to be arranged DIS — STAFF

EDMS798 Special Problems in Education; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

EDMS799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

EDMS889 Internship in Measurement and Statistics; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3-8 credits

EDMS899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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EDPA Education Policy, Planning and Administration (Education)

EDPA301 Foundations of Education; Grade Method: REG/P-F/AUD. Junior standing. — 3 credits
0101 MWF.....10:00am-10:50am (EDU 2119) — Noll, J
0201 MWF.....12:00pm-12:50pm (EDU 2101) — Noll, J
0301 TuTh.....9:30am-10:45am (EDU 0114) — Hopkins, R
0401 TuTh.....11:00am-12:15pm (EDU 2101) — Hopkins, R
0501 Tu.....4:15pm- 7:00pm (EDU 2119) — Hale, G
0601 M.....7:00pm- 9:45pm (EDU 2102) — Splaine, J

EDPA386 (PermReq) Field Work; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

EDPA387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

EDPA400 The Future of the Human Community; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. — 3 credits
0101 MW.....2:00pm- 3:15pm (EDU 3233) — Lindsay, R

EDPA401 Educational Technology, Policy, and Social Change; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. Junior standing. — 3 credits
0101 W.....4:15pm- 7:00pm (EDU 3315) — Splaine, J

EDPA489 Field Experiences in Education; Grade Method: S-F. Limited to majors in EDPA specializations. Masters approved field experiences. Consent of advisor. — 1-4 credits
0101 Time and room to be arranged — Dudley, J
0201 Time and room to be arranged — Selden, S
0301 Time and room to be arranged — Splaine, J
0401 Time and room to be arranged — Hopkins, R

EDPA498 (PermReq) Special Problems in Education; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

EDPA601 Contemporary Social Issues in Education; Grade Method: REG/AUD. — 3 credits
0101 W.....4:15pm- 7:00pm (EDU 0202) — Lindsay, R

EDPA627 Education Policy: An International Perspective; Grade Method: REG/AUD. — 3 credits
0101 W.....7:00pm- 9:45pm (EDU 1203) — Hale, G

EDPA635 Principles of Curriculum Development; Grade Method: REG/AUD. — 3 credits
0101 M.....1:00pm- 3:45pm (EDU 2102) — Berman, L

EDPA650 Professional Seminar in Higher and Adult Education; Grade Method: S-F. — 3 credits
0101 M.....4:15pm- 7:00pm (EDU 0210) — Chait, R

EDPA651 Higher Education Law; Grade Method: REG/AUD. — 3 credits
0101 W.....4:15pm- 7:00pm (JMZ 1224) — Clague, M

EDPA652 Higher Education in American Society; Grade Method: REG/AUD. — 3 credits
0101 W.....7:00pm- 9:45pm (EDU 1315) — Berdahl, R

EDPA653 Organization and Administration of Higher Education; Grade Method: REG/AUD. — 3 credits
0101 Tu.....7:00pm- 9:45pm (EDU 2101) — Birnbaum, R

EDPA657 History of Higher Education in the United States; Grade Method: REG/AUD. — 3 credits
0101 M.....1:00pm- 3:45pm (EDU 0210) — Finkelstein, B

EDPA660 Administrative Foundations; Grade Method: REG/AUD. — 3 credits
0101 M.....4:15pm- 7:00pm (EDU 3233) — Stephens, E

EDPA661 Administrative Behavior and Organizational Management; Grade Method: REG/AUD. — 3 credits
0101 M.....7:00pm- 9:45pm (EDU 1315) — Goldman, H

EDPA662 Administrative Processes; Grade Method: REG/AUD. — 3 credits
0101 Tu.....7:00pm- 9:45pm (EDU 1315) — Stephens, E

EDPA668 Organization and Administration of Elementary Schools; Grade Method: REG/AUD. — 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 3238) — Dudley, J

EDPA671 Elementary and Secondary School Law; Grade Method: REG/AUD. — 3 credits
0101 W.....7:00pm- 9:45pm (EDU 2102) — Clague, M

EDPA676 School Finance and Business Administration; Grade Method: REG/AUD. — 3 credits
0101 W.....7:00pm- 9:45pm (EDU 2203) — Hickey, M

EDPA690 Research in Education Policy, Planning and Administration; Grade Method: REG/AUD. — 3 credits
0101 M.....7:00pm- 9:45pm (EDU 1107) — Heid, C

EDPA705 International Educational Change; Grade Method: REG/AUD. — 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 0210) — Huden, D

EDPA758 Curriculum in Higher Education; Grade Method: REG/AUD. — 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 0109C) — Selden, S

EDPA798 (PermReq) Special Problems in Education; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

EDPA799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

EDPA813 Seminar in Educational Sociology; Grade Method: REG/AUD. — 3 credits
0101 Tu.....7:00pm- 9:45pm (EDU 3233) — Huden, D

EDPA837 Curriculum Theory and Research; Grade Method: REG/AUD. Prerequisite: EDPA 635. — 3 credits
0101 W.....4:15pm- 7:00pm (EDU 3115) — Berman, L

EDPA889 Internship in Education; Grade Method: S-F. Interns in administration register in section 0101; higher and adult education in section 0201; curriculum theory in section 0301; education policy in section 0401; social foundations in section 0501. — 3-8 credits
0101 Time and room to be arranged — Dudley, J
0201 Time and room to be arranged — Clague, M
0301 Time and room to be arranged — Selden, S
0401 Time and room to be arranged — Splaine, J
0501 Time and room to be arranged — Hopkins, R

EDPA899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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EDSP Education, Special (Education)

EDSP210 Introduction to Special Education; Grade Method: REG/AUD. — 3 credits
0101 TuTh.....2:00pm- 3:30pm (EDU 2119) — Harry, E

EDSP288C Special Topics in Teacher Education: Career Development in Special Education; Grade Method: REG/P-F/AUD. Open to all undergraduate students. — 1 credit
0101 F.....10:00am-11:00am (EDU 2203) — Florian, L

EDSP320 (PermReq) Introduction to Assessment in Special Education; Grade Method: REG/AUD. Prerequisite: EDSP 210. Pre- or corequisite: EDSP 321; and EDSP 322. Recommended: STAT 100 or SOCY 201. For EDSP majors only. — 3 credits
0101 MW.....1:15pm- 2:45pm (EDU 0212) — Cooper, D

EDSP321 (PermReq) Comparative Approaches to Behavior and Classroom Management in Special Education; Grade Method: REG/AUD. Prerequisite: EDSP 210. Pre- or corequisites: EDSP 320; and EDSP 322. For EDSP majors only. — 3 credits
0101 MW.....2:45pm- 4:15pm (COL 3111) — Leone, P
0201 MW.....2:45pm- 4:15pm (EDU 2119) — Egel, A

EDSP322 Field Placement in Special Education I; Grade Method: REG/AUD. Pre- or corequisites: EDSP 320; and EDSP 321. For EDSP majors only. Students must reserve two half days (8-1) for this experience. — 3 credits
0101 F.....10:00am-12:00pm (EDU 1121) — Crowley, A
MW.....8:00am- 1:00pm (Arranged) LAB
0201 F.....10:00am-12:00pm (EDU 1121) — Crowley, A
TuTh.....8:00am- 1:00pm (Arranged) LAB
0301 F.....10:00am-12:00pm (EDU 1121) — Crowley, A
MW.....8:00am- 1:00pm (Arranged) LAB
0401 F.....10:00am-12:00pm (EDU 1121) — Crowley, A
TuTh.....8:00am- 1:00pm (Arranged) LAB

EDSP376 Fundamentals of Sign Language; Grade Method: REG/P-F/AUD. — 3 credits
0101 MW.....4:15pm- 5:30pm (EDU 1107) — Aiello, E
0201 MW.....5:45pm- 7:00pm (EDU 1107) — Aiello, E

EDSP400 Assessment, Curriculum and Instructional Methods For Students with Severe Handicaps; Grade Method: REG/AUD. Corequisites: [EDSP 402; and EDSP 431] or permission of department. Practicum required. Placement arranged for those students not concurrently enrolled in EDSP 402 or EDSP 431. — 3 credits
0101 W.....4:15pm- 7:00pm (EDU 0212) — Kohl, F

EDSP402 Field Placement: Severely Handicapped I; Grade Method: REG/AUD. Pre- or corequisites: [EDSP 400; and EDSP 404] or permission of department. Graduate students only. Contact department to make arrangements. — 4 credits
0101 F.....10:30am-12:00pm (EDU 1315) — Kohl, F
MTuW.....8:00am- 1:00pm (Arranged) LAB

EDSP402A Field Placement: Severely Handicapped I; Grade Method: REG/AUD. Pre- or corequisites: [EDSP 400; and EDSP 404] or permission of department. Graduate students only. Contact department to make arrangements. — 2-5 credits
0101 Time and room to be arranged LAB — STAFF
0201 Time and room to be arranged LAB — STAFF
0301 Time and room to be arranged LAB — STAFF
0401 Time and room to be arranged LAB — STAFF

EDSP404 Education of Students with Autism; Grade Method: REG/AUD. Pre- or corequisites: [EDSP 400 and EDSP 402] or permission of department. Practicum required. Placement arranged for students not concurrently enrolled in EDSP 402. — 3 credits
0101 MW.....1:15pm- 2:45pm (EDU 2101) — Egel, A

EDSP411 Field Placement: Severely Handicapped III; Grade Method: REG/AUD. Prerequisite: EDSP 405. Pre- or corequisites: [EDSP 412; and (EDSP 420 or EDSP 480)] or permission of department. Students must reserve four half-days (8-1) for this experience. — 5 credits
0101 F.....9:00am-10:30am (EDU 1315) — Kohl, F
MTuWTh.....8:00am- 1:00pm (Arranged) LAB

EDSP411A Field Placement: Severely Handicapped III; Grade Method: REG/AUD. Prerequisite: EDSP 405. Pre- or corequisites: [EDSP 412; and (EDSP 420 or EDSP 480)] or permission of department. Graduate students only. Contact department to make arrangements. — 2-5 credits
0101 Time and room to be arranged LAB — STAFF
0201 Time and room to be arranged LAB — STAFF
0301 Time and room to be arranged LAB — STAFF
0401 Time and room to be arranged LAB — STAFF

EDSP412 Vocational and Transitional Instruction for Students with Severe Handicaps; Grade Method: REG/AUD. Corequisites: [EDSP 411; and EDSP 465] or permission of department. Practicum required. Placement arranged for those students not concurrently enrolled in EDSP 411 or EDSP 465. — 3 credits
0101 W.....4:15pm- 7:00pm (JMZ 0120) — Moon, S

EDSP420 Developmental and Behavioral Characteristics of Nonhandicapped and Handicapped Infants and Young Children; Grade Method: REG/AUD. Corequisites: [EDSP 421; and EDSP 411] or permission of department. Practicum required. Placement arranged for students not concurrently enrolled in EDSP 421 or EDSP 411. — 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 1203) — Beckman, P

EDSP421 Field Placement: Early Childhood Special Education I; Grade Method: REG/AUD. Pre- or corequisite: [EDSP 410 and EDSP 420] or permission of department. Students must reserve two half-days (8-1) for this experience. — 3 credits
0101 F.....10:30am-12:00pm (EDU 0202) — Beckman, P
MW.....8:00am- 1:00pm (Arranged) LAB
0201 F.....10:30am-12:00pm (EDU 0202) — Beckman, P
TuTh.....8:00am- 1:00pm (Arranged) LAB

EDSP421A Field Placement: Early Childhood Special Education I; Grade Method: REG/AUD. Pre- or corequisite: [EDSP 410 and EDSP 420] or permission of department. Graduate students only. Contact department to make arrangements. — 2-3 credits
0101 Time and room to be arranged LAB — STAFF
0201 Time and room to be arranged LAB — STAFF
0301 Time and room to be arranged LAB — STAFF
0401 Time and room to be arranged LAB — STAFF

EDSP423 Assessment of Preschool Handicapped Children and Infants; Grade Method: REG/AUD. Prerequisites: EDSP 330; and EDSP 422. Coequisites: EDSP 430; and EDSP 431; and; EDSP 400 or EDSP 441. — 3 credits
0101 MW.....1:15pm- 2:45pm (EDU 2203) — Lieber, J

EDSP430 Intervention Techniques and Strategies For Preschool Handicapped Children and Infants(Severe to Moderate, Birth-8 Years); Grade Method: REG/AUD. Prerequisites: EDSP 330; and EDSP 422. Corequisites: EDSP 423; and EDSP 431; and (EDSP 440 or EDSP 441). Practicum required. Placement arranged for those students not concurrently enrolled in EDSP 431. — 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 2101) — Rembacki, C

EDSP431 Field Placement: Early Childhood Special Education III (Severe to Moderate); Grade Method: REG/AUD. Prerequisite: EDSP 424 or permission of department. Pre- or corequisites: EDSP 430; and EDSP 423; and (EDSP 400 or EDSP 441). Students must reserve three half-days (8-1) for this experience. — 4 credits
0101 F.....9:00am-10:30am (EDU 0202) — Beckman, P
TuWTh.....8:00am- 1:00pm (Arranged) LAB

EDSP431A Field Placement: Early Childhood Special Education III (Severe to Moderate); Grade Method: REG/AUD. Prerequisite: EDSP 424 or permission of department. Pre- or corequisites: EDSP 430; and EDSP 423; and (EDSP 400 or EDSP 441). Graduate students only. Contact department to make arrangements. — 2-4 credits
0101 Time and room to be arranged LAB — STAFF
0201 Time and room to be arranged LAB — STAFF
0301 Time and room to be arranged LAB — STAFF
0401 Time and room to be arranged LAB — STAFF

EDSP441 Assessment and Instructional Design for the Educationally Handicapped: Oral Language and Communication Disorders; Grade Method: REG/AUD. Corequisites: [EDSP 442; and EDSP 431] or permission of department. Practicum required. Placement arranged for students not concurrently enrolled in EDSP 442 or EDSP 431. — 3 credits
0101 MW.....2:45pm- 4:15pm (EDU 2101) — Speece, D

EDSP442 Field Placement: Educationally Handicapped I; Grade Method: REG/AUD. Pre- or corequisite: [EDSP 441 and EDCI 456] or permission of department. Students must reserve two half-days (8-1) for this experience. — 3 credits
0101 F.....10:30am-12:00pm (EDU 0206) — Graham, S
MW.....8:00am- 1:00pm (Arranged) LAB
0201 F.....10:30am-12:00pm (EDU 0206) — Graham, S
TuTh.....8:00am- 1:00pm (Arranged) LAB

EDSP442A Field Placement: Educationally Handicapped I; Grade Method: REG/AUD. Pre- or corequisite: [EDSP 441 and EDCI 456] or permission of department. Graduate students only. Contact department to make arrangements. — 2-3 credits
0101 Time and room to be arranged LAB — STAFF
0201 Time and room to be arranged LAB — STAFF
0301 Time and room to be arranged LAB — STAFF
0401 Time and room to be arranged LAB — STAFF
0501 Time and room to be arranged LAB — STAFF
0601 Time and room to be arranged LAB — STAFF
0701 Time and room to be arranged LAB — STAFF
0801 Time and room to be arranged LAB — STAFF

EDSP446 Instructional Design for the Educationally Handicapped: Functional Living Skills; Grade Method: REG/AUD. Pre- or corequisites: [EDSP 447; and EDSP 465] or permission of department. — 3 credits
0101 TuTh.....1:15pm- 2:45pm (EDU 2101) — Graham, S

EDSP447 Field Placement: Educationally Handicapped III; Grade Method: REG/AUD. Prerequisite: EDSP 445 or permission of department. Pre- or corequisites: EDSP 446; and EDSP 450; and EDSP 460. Students must reserve three half-days (8-1) for this experience. — 4 credits
0101 F.....10:00am-11:30am (EDU 0114) — Graham, S
TuWTh.....8:00am- 1:00pm (Arranged) LAB

EDSP447A Field Placement: Educationally Handicapped III; Grade Method: REG/AUD. Prerequisite: EDSP 445 or permission of department. Pre- or corequisites: EDSP 446; and EDSP 450; and EDSP 460. Graduate students only. Contact department to make arrangements. — 2-4 credits
0101 Time and room to be arranged LAB — STAFF
0201 Time and room to be arranged LAB — STAFF
0401 Time and room to be arranged LAB — STAFF
0501 Time and room to be arranged LAB — STAFF
0601 Time and room to be arranged LAB — STAFF
0701 Time and room to be arranged LAB — STAFF
0801 Time and room to be arranged LAB — STAFF

EDSP450 Program Management for the Educationally Handicapped; Grade Method: REG/AUD. Corequisites: [EDSP 411; and EDSP 447; and EDSP 465] or permission of department. — 3 credits
0101 MW.....1:15pm- 2:45pm (ASY 3215) — Anderson, M

EDSP460 Career/Vocational Education For the Handicapped; Grade Method: REG/AUD. Corequisites: [EDSP 461; and EDSP 411; and EDSP 447] or permission of department. Completion of EDSP 600 or 210 recommended for graduate students. Practicum required. Placement arranged for those students not concurrently enrolled in EDSP 461 or EDSP 411 or EDSP 447. — 3 credits
0101 M.....4:15pm- 7:00pm (EDU 2101) — Neubert, D

EDSP461 Field Placement: Career/Vocational I; Grade Method: REG/AUD. Pre- or corequisite: [EDSP 460; and EDSP 456; and EDIT 421] or permission of department. — 3 credits

For EDSP majors only. Students must reserve three half-days (8-1) for this experience.
0101 F.....10:30am-12:00pm (EDU 2101) Neubert, D
MTuW.....8:00am- 1:00pm (Arranged) LAB
0201 F.....10:30am-12:00pm (EDU 2101) Neubert, D
TuWTh.....8:00am- 1:00pm (Arranged) LAB

EDSP461A Field Placement: Career/Vocational I; Grade Method: REG/AUD. Pre- or corequisite: [EDSP 460; and EDSP 456; and EDIT 421] or permission of department. For EDSP majors only. Graduate students only. Contact department to make arrangements. 2-3 credits
0201 Time and room to be arranged LAB STAFF

EDSP464 Secondary and Transition Methods in Special Education; Grade Method: REG/AUD. Prerequisite: EDSP 462 or permission of department. 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 2203) Neubert, D

EDSP465 Field Placement: Career/Vocational III; Grade Method: REG/AUD. Students must reserve three half-days (8-1) for this experience. 3 credits
0101 F.....9:00am-10:30am (EDU 2101) Neubert, D
MTuW.....8:00am- 1:00pm (Arranged) LAB
0201 F.....9:00am-10:30am (EDU 2101) Neubert, D
TuWTh.....8:00am- 1:00pm (Arranged) LAB

EDSP465A Field Placement: Career/Vocational III; Grade Method: REG/AUD. Graduate students only. Contact department to make arrangements. 2-3 credits
0101 Time and room to be arranged LAB STAFF

EDSP470 Introduction to Special Education; Grade Method: REG. Not open to undergraduate special education or pre-special education majors. 3 credits
0101 TuTh.....2:45pm- 4:15pm (EDU 2101) Crowley, A
0201 Tu.....7:00pm- 9:45pm (EDU 2119) Moon, S

EDSP489 Field Experiences in Special Education; Grade Method: REG/AUD. 1-4 credits
0101 Time and room to be arranged Crowley, A

EDSP491 Characteristics of Learning Disabled Students: Perceptual Learning Problems; Grade Method: REG/AUD. 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 0114) Hebeler, J

EDSP498 Special Problems in Special Education; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Limited to special education majors. 1-6 credits

EDSP498B (PermReq) Special Problems in Special Education: Career Development and Advising; Grade Method: REG/P-F/AUD. Limited to pre-special and special education majors. 1-6 credits
0101 F.....12:00pm- 2:00pm (Arranged) Angeletti, K

EDSP600 Exceptional Children and Youth; Grade Method: REG/AUD. Prerequisite: 9 hours in special education and permission of department. 3 credits
0101 M.....7:00pm- 9:45pm (EDU 2119) Cooper, D

EDSP601 Characteristics of Behaviorally Disordered Students; Grade Method: REG/AUD. Prerequisite: EDSP 600 or permission of department. 3 credits
0101 W.....4:15pm- 7:00pm (EDU 2119) Anderson, M

EDSP610 Administration and Supervision of Special Education Programs; Grade Method: REG/AUD. Prerequisite: EDSP 600 and permission of department. 3 credits
0101 Th.....4:15pm- 7:00pm (EDU 3233) Hebeler, J

EDSP615 Evaluation and Measurement of Exceptional Children and Youth; Grade Method: REG/AUD. Prerequisites: [EDMS 446; and EDMS 646; and EDSP 600] or permission of department. 3 credits
0101 M.....4:15pm- 7:00pm (EDU 2102) Harris, K

EDSP665 Working with Families of Handicapped Children and Youth; Grade Method: REG/AUD. 3 credits
0101 Th.....7:00pm- 9:45pm (EDU 1315) Harry, E

EDSP666 Educating Handicapped Children and Youth with Communication Disabilities; Grade Method: REG/AUD. Prerequisite: EDSP 600 or permission of department. 3 credits
0101 M.....4:15pm- 7:00pm (EDU 0206) Lieber, J

EDSP675 Policy Issues Impacting Persons with Disabilities; Grade Method: REG/AUD. Prerequisite: permission of department. 3 credits
0101 W.....4:15pm- 7:00pm (EDU 2102) Burke, P

EDSP678L Seminar in Special Education: Handicapped Youth in the Criminal Justice System; Grade Method: REG/AUD. 3 credits
0101 Th.....7:00pm- 9:45pm (EDU 1203) Leone, P

EDSP680 Advanced Use of Computers in Special Education; Grade Method: REG/AUD. Prerequisites: EDSP 480 or permission of department. 3 credits
0101 Tu.....7:00pm- 9:45pm (EDU 1203) MacArthur, C

EDSP798 Special Problems in Special Education; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Limited to special education majors. 1-6 credits

EDSP798B Special Problems in Special Education: Joint Vocational Education Seminar; Grade Method: REG/AUD. 3 credits
0101 W.....4:15pm- 7:00pm (JMP 1202) Hebeler, J

EDSP799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Limited to special education majors. 1-6 credits

EDSP860 Doctoral Research Seminar; Grade Method: REG/AUD. Limited to doctoral students in special education. 3 credits
0101 Tu.....4:15pm- 7:00pm (EDU 1203) Graham, S

EDSP888 Apprenticeship in Special Education; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Limited to special education majors. 1-8 credits

EDSP889 Internship in Special Education; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Limited to special education majors. 3-8 credits

EDSP899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Limited to special education majors. 1-8 credits

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EDUC Education (Education)

EDUC388 (PermReq) Special Topics in Education: Guided Experience In College Teaching; Grade Method: REG. Course restricted to students approved as undergraduate teaching assistants. Should be taken concurrently with EDCI 498, section 8801 for 1 credit. 3 credits
0101 M.....4:00pm- 6:00pm (EDU 2203) Greenberg, J

EDUC388H (PermReq) Special Topics in Education: Honors Synthesis Seminar I; Grade Method: REG. Seminar restricted to students admitted to the College of Education Honors program. 2 credits
0101 Time and room to be arranged STAFF

ENAE Engineering, Aerospace (Engineering)

ENAE201 Introduction to Aerospace Engineering I; Grade Method: REG/P-F/AUD. Prerequisite: ENES 110. 2 credits
0101 Meets 09/04/90 - 11/16/90 Yanta, W
MWF.....3:00pm- 3:50pm (EGR 3110)
0201 Meets 09/04/90 - 11/16/90 STAFF
MWF.....3:00pm- 3:50pm (CHE 2136)

ENAE202 Introduction to Aerospace Engineering II; Grade Method: REG/P-F/AUD. Prerequisite: ENAE 201. 2 credits
0101 Meets 09/04/90 - 11/16/90 Winblade, R
MWF.....4:00pm- 4:50pm (EGR 2154)

ENAE305 Aerospace Laboratory I; Grade Method: REG/P-F/AUD. Prerequisite: PHYS 263; Pre- or corequisites: ENAE 345; and ENAE 451; and ENAE 371. 3 credits
0101 MW.....1:00pm- 1:50pm (JMP 3201) Winkelmann, A
M.....2:00pm- 5:00pm (EGL 0121) LAB
0102 MW.....1:00pm- 1:50pm (JMP 3201) Winkelmann, A
Tu.....2:00pm- 5:00pm (EGL 0121) LAB
0103 MW.....1:00pm- 1:50pm (JMP 3201) Winkelmann, A
W.....2:00pm- 5:00pm (EGL 0121) LAB
0104 MW.....1:00pm- 1:50pm (JMP 3201) Winkelmann, A
Th.....2:00pm- 5:00pm (EGL 0121) LAB
0105 MW.....1:00pm- 1:50pm (JMP 3201) Winkelmann, A
F.....2:00pm- 5:00pm (EGL 0121) LAB

ENAE345 Flight Dynamics; Grade Method: REG/P-F/AUD. Prerequisites: ENES 221; and MATH 246. 3 credits
0101 MWF.....10:00am-10:50am (EGR 3106) STAFF

ENAE371 Aerodynamics I; Grade Method: REG/P-F/AUD. Prerequisites: ENAE 202; and PHYS 262; and MATH 241. Corequisite: MATH 246. 3 credits
0101 TuTh.....9:30am-10:45am (CHM 0127) Leishman, G

ENAE398 (PermReq) Honors Research Project; Grade Method: REG/P-F. 3 credits
0101 Time and room to be arranged STAFF

ENAE401 Aerospace Laboratory II; Grade Method: REG/P-F/AUD. Prerequisites: ENAE 305; and ENAE 345. Corequisites: ENAE 452; and ENAE 471. 2 credits
0101 M.....12:00pm-12:50pm (JMP 3201) Winkelmann, A
M.....2:00pm- 5:00pm (EGL 0121) LAB
0102 M.....12:00pm-12:50pm (JMP 3201) Winkelmann, A
Tu.....2:00pm- 5:00pm (EGL 0121) LAB
0103 M.....12:00pm-12:50pm (JMP 3201) Winkelmann, A
W.....2:00pm- 5:00pm (EGL 0121) LAB
0104 M.....12:00pm-12:50pm (JMP 3201) Winkelmann, A
Th.....2:00pm- 5:00pm (EGL 0121) LAB
0105 M.....12:00pm-12:50pm (JMP 3201) Winkelmann, A
F.....2:00pm- 5:00pm (EGL 0121) LAB

ENAE411 Aircraft Design; Grade Method: REG/P-F/AUD. Prerequisites: ENAE 345; and ENAE 451; and ENAE 371. 3 credits
0101 TuTh.....5:00pm- 6:15pm (EGR 1104) STAFF

ENAE445 Stability and Control of Aerospace Vehicles; Grade Method: REG/P-F/AUD. Prerequisites: ENAE 345; and ENAE 371. 3 credits
0101 TuTh.....8:00am- 9:15am (EGR 1202) Regan, F

ENAE451 Flight Structures I: Introduction to Solid Mechanics; Grade Method: REG/P-F/AUD. Prerequisite: ENES 220. 4 credits
0101 MWF.....9:00am- 9:50am (CHE 2110) Donaldson, B
M.....2:00pm- 5:00pm (CHM 0115) LAB

ENAE452 Flight Structures II: Structural Elements; Grade Method: REG/P-F/AUD. Prerequisite: ENAE 451. 3 credits
0101 MWF.....11:00am-11:50am (ARM 0116) Donaldson, B

ENAE453 Matrix Methods in Computational Mechanics; Grade Method: REG/P-F/AUD. Prerequisite: ENAE 452 or permission of both department and instructor. 3 credits
0101 MW.....5:00pm- 6:15pm (EGR 3114) STAFF

ENAE461 Flight Propulsion I; Grade Method: REG/P-F/AUD. Prerequisites: ENAE 217; and ENAE 471. 3 credits
0101 MWF.....9:00am- 9:50am (CHM 0122) Lewis, M

ENAE471 Aerodynamics II; Grade Method: REG/P-F/AUD. Prerequisites: ENAE 371; and ENAE 217. 3 credits
0101 TuTh.....9:30am-10:45am (CHE 2110) Korkegi, R

ENAE475 Viscous Flow and Aerodynamic Heating; Grade Method: REG/P-F/AUD. Prerequisites: ENAE 371; and ENAE 471; and ENAE 217. 3 credits
0101 MWF.....10:00am-10:50am (CHM 0122) Jones, E

ENAE488A Topics in Aerospace Engineering: Astronautics; Grade Method: REG/P-F/AUD. 1-4 credits
0101 MWF.....8:00am- 8:50am (EGR 3108) Hagar, H

ENAE488B Topics in Aerospace Engineering: Applied Aerodynamics; Grade Method: REG/P-F/AUD. Prerequisite: ENAE 371 or permission of instructor. 3 credits
0101 TuTh.....12:30pm- 1:45pm (EGR 3114) Barlow, J

ENAE488F Topics in Aerospace Engineering: Composite Structures; Grade Method: REG/AUD. 3 credits
0101 MW.....2:00pm- 3:15pm (CHM 0119) Vizzini, T

ENAE488G Topics in Aerospace Engineering: Aerospace Control Theory; Grade Method: REG/AUD. 3 credits
0101 TuTh.....9:30am-10:45am (EGR 0110) Celi, R

ENAE488V (PermReq) Topics in Aerospace Engineering: Manufacturing with Composites; Grade Method: REG/P-F/AUD. 3 credits
0101 MW.....9:00am- 9:50am (EGR 2102) Vizzini, T
Tu.....2:00pm- 5:00pm (EGR 3114) LAB
0102 MW.....9:00am- 9:50am (EGR 2102) Vizzini, T
Th.....2:00pm- 5:00pm (EGR 3114) LAB

ENAE488W (PermReq) Topics in Aerospace Engineering: Introduction to the Design of Remotely Piloted Vehicles; Grade Method: REG/P-F/AUD. 3 credits
0101 MWF.....11:00am-11:50am (EGR 1108) Winkelmann, A

ENAE499 (PermReq) Elective Research; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

ENAE631 Helicopter Aerodynamics I; Grade Method: REG/AUD. Prerequisite: permission of both department and instructor. 3 credits
0101 TuTh.....2:00pm- 3:15pm (EGR 0144) STAFF

ENAE650 Variational Methods in Structural Mechanics; Grade Method: REG/AUD. Prerequisite: ENAE 452 or equivalent. 3 credits
0101 TuTh.....9:30am-10:45am (EGR 3114) Lee, S

ENAE653 Nonlinear Finite Element Analysis of Continua; Grade Method: REG/AUD. Prerequisite: ENAE 652. 3 credits
0101 TuTh.....2:00pm- 3:15pm (EGR 1126) Lee, S

ENAE654 Composite Structures; Grade Method: REG/AUD. Prerequisite: ENAE 452 or permission of both department and instructor. 3 credits
0101 MW.....2:00pm- 3:15pm (CHM 0119) Vizzini, T

ENAE655 Structural Dynamics I; Grade Method: REG/AUD. Prerequisite: ENAE 452 or equivalent or permission of both department and instructor. 3 credits
0101 MW.....10:00am-11:15am (EGR 3108) Chopra, I

ENAE656 Structural Dynamics II; Grade Method: REG/AUD. Prerequisite: ENAE 655 or permission of both department and instructor. 3 credits
0101 MW.....3:30pm- 4:45pm (EGR 1126) Haas, D

ENAE661 Advanced Propulsion I; Grade Method: REG/AUD. Prerequisites: ENAE 461; and ENAE 462. 3 credits
0101 MWF.....8:00am- 8:50am (EGR 1124) Heimerdinger, D

ENAE673 Aerodynamics of Compressible Fluids I; Grade Method: REG/AUD. Prerequisite: ENAE 471; or permission of both department and instructor. 3 credits
0101 TuTh.....8:00am- 9:15am (EGR 3114) STAFF

ENAE675 Aerodynamics of Viscous Fluids I; Grade Method: REG/AUD. Prerequisite: ENAE 475 or permission of department. 3 credits
0101 MW.....2:00pm- 3:15pm (EGR 3102) Jones, E

ENAE788A Selected Topics in Aerospace Engineering: Fundamentals of Aerodynamics; Grade Method: REG/AUD. 3 credits
0101 TuTh.....11:00am-12:15pm (ITV 1111) Anderson, J

ENAE788B Selected Topics in Aerospace Engineering: Computational Fluid Dynmamics; Grade Method: REG/AUD. 3 credits
0101 MW.....5:00pm- 6:15pm (EGR 3102) Lekoudis, S

ENAE788C Selected Topics in Aerospace Engineering: Hypersonic Flow; Grade Method: REG/AUD. 3 credits
0101 TuTh.....12:30pm- 1:45pm (ITV 1111) Anderson, J

ENAE788G Selected Topics in Aerospace Engineering: Aerospace Control Theory; Grade Method: REG/AUD. 3 credits
0101 TuTh.....9:30am-10:45am (EGR 0110) Celi, R

ENAE799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ENAE899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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ENAG Engineering Agricultural (Agriculture)

ENAG100 Basic Agricultural Engineering Technology; Grade Method: REG/P-F/AUD. 3 credits
0101 MWF.....2:00pm- 2:50pm (SHR 1105) Stewart, L

ENAG200 Introduction to Farm Mechanics; Grade Method: REG/P-F/AUD. 2 credits
0101 M.....1:00pm- 1:50pm (SHR 0106) Grant, L
M.....2:00pm- 5:00pm (SHR 0109) LAB

ENAG 234, 236 and 237 are a series of one-credit mini-courses in aspects of soil and water engineering. Students may elect one course or any combination to three credits. Students must enroll for each course - one credit per course. ENAG 234 begins Sept. 05 and ends Oct. 05; ENAG 236 begins Oct. 8 and ends Nov. 07; ENAG 237 begins Nov. 09 and ends Dec. 10. All courses meet at same time and room - MWF 11:00; SHR 0106.

ENAG234 Principles of Erosion and Water Control; Grade Method: REG/P-F/AUD. 1 credit
0101 Meets 09/05/90 - 10/05/90 STAFF
MWF.....11:00am-11:50am (SHR 0106)

ENAG236 Design of Drainage Systems; Grade Method: REG/P-F/AUD. 1 credit
0101 Meets 10/08/90 - 11/07/90 STAFF
Time and room to be arranged
Meets MWF 11am-1150am in room SHR 0106.

ENAG237 Design of Irrigation Systems; Grade Method: REG/P-F/AUD. 1 credit
0101 Meets 11/09/90 - 12/11/90 STAFF
Time and room to be arranged
Meets MWF 11am-1150am in SHR 0106.

ENAG305 Farm Mechanics; Grade Method: REG/P-F/AUD. For agricultural education majors only. Senior standing. 2 credits
0101 Tu.....1:00pm- 1:50pm (SHR 0106) Grant, L
Tu.....2:00pm- 5:00pm (SHR 1109) LAB

ENAG315 Energy: Its Effects On Agriculture and Food; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. 3 credits
0101 TuTh.....8:30am- 9:45am (HJP 0226) STAFF

ENAG421 Power Systems; Grade Method: REG/P-F/AUD. Prerequisite: ENME 217 and ENEE 300 and (ENME 342 or ENCE 330). 3 credits
0101 WF.....11:00am-11:50am (SHR 1105) Smith, G
W.....2:00pm- 5:00pm (SHR 0106) LAB

ENAG422 Soil and Water Engineering; Grade Method: REG/P-F/AUD. Prerequisite: ENME 342 or ENCE 330. 3 credits
0101 MWF.....10:00am-10:50am (SHR 0106) Shirmohammadi,

ENAG489 (PermReq) Special Problems in Agricultural Engineering; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

ENAG499 (PermReq) Special Problems in Agricultural Engineering Technology; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

ENAG688 (PermReq) Advanced Topics in Agricultural Engineering; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-4 credits

ENAG688C Advanced Topics in Agricultural Engineering: Aquatic System Design: Containment Structures; Grade Method: REG/AUD. 1 credit
0101 Meets 09/04/90 - 10/09/90 Wheaton, F
TuTh.....9:30am-10:45am (SHR 0106)

ENAG688G Advanced Topics in Agricultural Engineering: Laboratory Applications of Microcomputers; Grade Method: REG/AUD. 3 credits
0101 TuTh.....4:30pm- 6:30pm (SHR 1112) Johnson, A

ENAG688T (PermReq) Advanced Topics in Agricultural Engineering: Techniques for Teaching Agricultural Engineering; Grade Method: REG/AUD. Approval of instructor prior to enrollment required. 1 credit
0101 TBA (SHR 1112) Johnson, A

ENAG698 Seminar; Grade Method: REG/AUD. 1 credit
0101 M.....4:00pm- 4:50pm (SHR 1105) Stewart, L

ENAG699 (PermReq) Special Problems in Agricultural and Aquacultural Engineering; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ENAG799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ENAG899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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ENCE Engineering, Civil (Engineering)

ENCE201 (PermReq) Computational Methods in Civil Engineering I; Grade Method: REG/AUD. Corequisite: MATH 241; and ENES 220. Formerly ENCE 360. 3 credits
0101 TuTh.....12:30pm- 1:45pm (EGR 1126) STAFF
0201 TuTh.....12:30pm- 1:45pm (EGR 0110) STAFF

ENCE255 (PermReq) Elementary Structural Analysis; Grade Method: REG/AUD. Prerequisite: ENES 220. 3 credits
0101 TuTh.....9:30am-10:45am (EGR 0108) STAFF
0201 TuTh.....9:30am-10:45am (EGR 0104) STAFF

ENCE300 (PermReq) Fundamentals of Engineering Materials; Grade Method: REG/P-F/AUD. Pre- or corequisite: ENES 220. 3 credits
0101 MW.....1:00pm- 1:50pm (EGR 0110) STAFF
M.....2:00pm- 5:00pm (EGL 0106A) LAB
0102 MW.....1:00pm- 1:50pm (EGR 0110) STAFF
Tu.....2:00pm- 5:00pm (EGL 0106A) LAB
0103 MW.....1:00pm- 1:50pm (EGR 0110) STAFF
Th.....2:00pm- 5:00pm (EGL 0106A) LAB

ENCE315 (PermReq) Introduction to Environmental Engineering; Grade Method: REG/AUD. Prerequisites: CHEM 103; and PHYS 161. Not open to ENGR students who have completed ENCE 221. Formerly ENCE 221. 3 credits
0101 TuTh.....8:00am- 9:15am (EGR 1120) STAFF

ENCE320 (PermReq) Construction Engineering and Management; Grade Method: REG/AUD. Corequisite: ENCE 321 or permission of department. 3 credits
0101 MWF.....8:00am- 8:50am (EGR 1120) STAFF

ENCE321 (PermReq) Engineering Survey Measurements; Grade Method: REG/AUD. Corequisites: MATH 141; and ENCE 320. Formerly ENCE 280. 1 credit
0101 Tu.....2:00pm- 5:00pm (CHM 0119) LAB STAFF

ENCE330 (PermReq) Basic Fluid Mechanics; Grade Method: REG/P-F/AUD. Prerequisites: ENES 220; and ENES 221; and PHYS 262. 3 credits
0101 MWF.....10:00am-10:50am (EGR 1126) STAFF
0201 MWF.....10:00am-10:50am (CHM 0124) STAFF

ENCE340 (PermReq) Fundamentals of Soil Mechanics; Grade Method: REG/P-F/AUD. Prerequisite: ENES 220. Corequisite: ENCE 300. 3 credits
0201 MWF.....9:00am- 9:50am (EGR 1104) STAFF

ENCE351 (PermReq) Structural Analysis and Design II; Grade Method: REG/P-F/AUD. Prerequisites: ENCE 300; and ENCE 350. 3 credits
0101 TuTh.....11:00am-12:15pm (EGR 3106) STAFF

ENCE370 (PermReq) Fundamentals of Transportation Engineering; Grade Method: REG/P-F/AUD. Prerequisite: ENCE 280. 3 credits
0101 MWF.....11:00am-11:50am (EGR 1126) STAFF

ENCE423 (PermReq) Production Planning and Control; Grade Method: REG/AUD. Prerequisite: ENCE 320. 4 credits
0101 TuTh.....12:30pm- 1:45pm (EGR 3108) Kartam, N
Tu.....2:00pm- 2:50pm (EGR 3106) LAB

ENCE425 (PermReq) Decision Support Systems for Construction; Grade Method: REG/AUD. 3 credits
0101 TuTh.....3:30pm- 4:45pm (EGR 3108) Bernold, L

ENCE432 (PermReq) Ground Water Hydrology; Grade Method: REG/P-F/AUD. Prerequisite: ENCE 330. 3 credits
0101 MWF.....9:00am- 9:50am (EGR 1126) Sternberg, Y

ENCE433 (PermReq) Environmental Engineering Analysis; Grade Method: REG/P-F/AUD. Prerequisites: CHEM 113; and ENCE 221. 3 credits
0101 MF.....8:00am- 8:50am (EGR 0108) Birkner, F
F.....12:00pm- 3:00pm (CHM 1105) LAB
0102 MF.....8:00am- 8:50am (EGR 0108) Birkner, F
F.....12:00pm- 3:00pm (CHM 1105) LAB

ENCE435 (PermReq) Sanitary Engineering Analysis and Design; Grade Method: REG/P-F/AUD. Prerequisites: ENCE 221; and ENCE 330. 4 credits
0101 MWF.....11:00am-11:50am (EGR 0135) Hao, O
M.....2:00pm- 5:00pm (EGR 1106) LAB

ENCE440 (PermReq) Engineering Soil Tests; Grade Method: REG/P-F/AUD. Prerequisite: ENCE 340. 4 credits
0101 Time and room to be arranged STAFF

ENCE441 (PermReq) Soil-Foundation Systems; Grade Method: REG/P-F/AUD. Prerequisite: ENCE 340. 3 credits
0101 TuTh.....9:30am-10:45am (EGR 1108) Aggour, M

ENCE453 (PermReq) Computer-Aided Structural Analysis; Grade Method: REG/AUD. Prerequisites: ENCE 201; and ENCE 355. 4 credits
0101 MWF.....11:00am-11:50am (EGR 1106) STAFF
M.....2:00pm- 2:50pm (CLB 0102) LAB

ENCE455 Design of Steel Structures; Grade Method: REG/AUD. Prerequisites: ENCE 255; and ENCE 355. Formerly ENCE 450. — 3 credits
(PermReq)
0101 TuTh.....11:00am-12:15pm (EGR 1102) STAFF

ENCE483 Economic Analysis for Civil Engineers; Grade Method: REG/P-F/AUD. Prerequisite: permission of department. — 3 credits
(PermReq)
0101 MWF.....1:00pm- 1:50pm (EGR 1106) Schonfeld, P

ENCE484 Computer Applications in Civil Engineering; Grade Method: REG/AUD. Senior standing. For ENCE majors only. — 3 credits
(PermReq)
0101 TuTh.....2:00pm- 3:15pm (EGR 0108) STAFF

ENCE485 Geographic Information Systems for Planning and Design Models; Grade Method: REG/AUD. Senior standing. For ENCE majors only. — 3 credits
(PermReq)
0101 MWF.....12:00pm-12:50pm (EGR 2112) STAFF

ENCE470 Highway Engineering; Grade Method: REG/P-F/AUD. Prerequisite: ENCE 370. — 4 credits
(PermReq)
0101 MWF.....10:00am-10:50am (EGR 1106) Carter, E
W.....2:00pm- 5:00pm (EGR 1106) LAB

ENCE489 Special Problems in Civil Engineering; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3 credits
(PermReq)

ENCE630 Environmental and Water Resource Systems I; Grade Method: REG/AUD. Prerequisite: permission of both department and instructor. — 3 credits
0101 TuTh.....5:00pm- 6:15pm (EGR 0102) McCuen, R

ENCE636 Unit Operations of Environmental Engineering; Grade Method: REG/AUD. Prerequisite: ENCE 221 or permission of both department and instructor. — 3 credits
0101 TuTh.....6:30pm- 7:45pm (EGR 3110) Davis, A

ENCE637 Biological Principles of Environmental Engineering; Grade Method: REG/AUD. Prerequisite: permission of both department and instructor. — 3 credits
0101 TuTh.....11:00am-12:15pm (EGR 1124) Hao, O

ENCE640 Advanced Soil Mechanics; Grade Method: REG/AUD. Prerequisite: ENCE 340 or equivalent. — 3 credits
0101 TuTh.....3:30pm- 4:45pm (EGR 0110) Schwartz, C

ENCE642 Soil Dynamics; Grade Method: REG/AUD. Pre- or corequisite: ENCE 640 or permission of both department and instructor. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (EGR 0135) Aggour, M

ENCE643 Stability of Earth Structures; Grade Method: REG/AUD. Prerequisite: ENCE 340 or equivalent. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (EGR 3108) Goodings, D

ENCE655 Plastic Analysis and Design of Structures; Grade Method: REG/AUD. Prerequisite: permission of both department and instructor. — 3 credits
0101 TuTh.....8:00am- 9:15am (EGR 1102) Albrecht, P

ENCE664 Project Acquisition and Risk Management; Grade Method: REG/AUD. — 3 credits
0101 MW.....3:30pm- 4:45pm (EGR 1102) Pilcher, R

ENCE670 Highway Traffic Characteristics and Measurements; Grade Method: REG/AUD. Prerequisite: ENCE 470 or permission of both department and instructor. — 3 credits
0101 M.....5:00pm- 7:45pm (EGR 1124) Carter, E

ENCE675 Airport Planning and Design; Grade Method: REG/AUD. Prerequisite: ENCE 471 or permission of both department and instructor. — 3 credits
(PermReq)
0101 W.....5:00pm- 7:45pm (EGR 1124) Schonfeld, P

ENCE676 Highway Traffic Flow Theory; Grade Method: REG/AUD. Prerequisites: [ENCE 481; and ENCE 462] or permission of both department and instructor. — 3 credits
(PermReq)
0101 Tu.....5:00pm- 7:45pm (EGR 1102) STAFF

ENCE688 Advanced Topics in Civil Engineering; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

ENCE688A Advanced Topics in Civil Engineering: Design for Dynamic Loads; Grade Method: REG/AUD. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (EGR 1102) Austin, M

ENCE688C Advanced Topics in Civil Engineering: Traffic Control Theory; Grade Method: REG/AUD. — 3 credits
0101 Th.....5:00pm- 7:45pm (EGR 1102) Chang, G

ENCE688E Advanced Topics in Civil Engineering: Theory of Shells; Grade Method: REG/AUD. — 3 credits
0101 MW.....2:00pm- 3:15pm (EGR 1102) Chang, P

ENCE688G Advanced Topics in Civil Engineering: Information and Material Management; Grade Method: REG/AUD. — 3 credits
0101 TuTh.....5:00pm- 6:15pm (EGR 3108) Bernold, L

ENCE688M Advanced Topics in Civil Engineering: Masonry Structures; Grade Method: REG/AUD. — 3 credits
0101 MW.....3:30pm- 4:45pm (EGR 1110) Wolde-Tinsae, A

ENCE688X Advanced Topics in Civil Engineering: Contracts and Specifications; Grade Method: REG/AUD. — 3 credits
0101 M.....5:30pm- 8:00pm (EGR 0102) Ness, A

ENCE688Z Advanced Topics in Civil Engineering: Advanced Travel Demand Theory; Grade Method: REG/AUD. Prerequisite: permission of instructor. — 3 credits
(PermReq)
0101 Th.....5:00pm- 7:45pm (EGR 1124) Chang, G

ENCE689 Seminar; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-16 credits

ENCE689C Seminar: Construction Seminar; Grade Method: REG/AUD. — 1 credit
0101 Tu.....6:30pm- 9:30pm (EGR 3102) Kartam, N

ENCE731 Advanced Ground Water Hydrology; Grade Method: REG/AUD. Prerequisite: ENCE 432 or equivalent. — 3 credits
0101 MWF.....10:00am-10:50am (EGR 0104) Sternberg, Y

ENCE733 Applied Water Chemistry; Grade Method: REG/AUD. Prerequisite: ENCE 633 or permission of both department and instructor. — 4 credits
0101 TuTh.....12:30pm- 1:45pm (EGR 1102) Birkner, F
Time and room to be arranged LAB

ENCE741 Aircraft Remote Sensing in Civil Engineering; Grade Method: REG/AUD. Prerequisite: ENCE 340 or equivalent; or permission of both department and instructor. — 3 credits
0101 Tu.....5:00pm- 9:30pm (EGR 1124) Rib, H

ENCE750 Analysis and Design of Structural Systems; Grade Method: REG/AUD. Prerequisites: ENCE 450; and ENCE 451 or equivalent. — 3 credits
0101 TuTh.....3:30pm- 4:45pm (EGR 1110) Vanney, D

ENCE753 Reinforced Concrete Structures; Grade Method: REG/AUD. Prerequisites: ENCE 450; and ENCE 451 or equivalent. — 3 credits
0101 TuTh.....5:00pm- 6:15pm (EGR 1110) Ayyub, B

ENCE798 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ENCE899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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ENCH Engineering, Chemical (Engineering)

ENCH215 Chemical Engineering Analysis; Grade Method: REG/P-F/AUD. Prerequisite: CHEM 104. Pre- or corequisite: MATH 141. — 3 credits
(PermReq)
0101 MWF.....11:00am-11:50am (CHE 2140) Weigand, W

ENCH300 Chemical Process Thermodynamics; Grade Method: REG/P-F/AUD. Prerequisites: CHEM 203; and ENCH 215; and MATH 241. — 3 credits
(PermReq)
0101 MW.....9:00am- 9:50am (CHE 2108) Asbjornsen, O
F.....9:00am- 9:50am (CHE 2108) DIS

ENCH333 Chemical Engineering Seminar; Grade Method: REG/P-F/AUD. Senior standing. — 1 credit
(PermReq)
0101 W.....12:00pm-12:50pm (CHE 2136) McAvoy, T

ENCH425 Transport Processes II: Heat Transfer; Grade Method: REG/P-F/AUD. Prerequisite: MATH 246. Pre- or corequisite: ENCH 280. — 3 credits
(PermReq)
0101 MW.....10:00am-10:50am (CHE 2110) Smith, T
F.....10:00am-10:50am (CHE 2110) DIS

ENCH437 Chemical Engineering Laboratory; Grade Method: REG/P-F/AUD. Prerequisites: ENCH 427; and ENCH 440; and ENCH 442. — 3 credits
(PermReq)
0101 Th.....11:00am- 6:00pm (Arranged) LAB Regan, T
0201 Tu.....11:00am- 6:00pm (Arranged) LAB Regan, T

ENCH444 Process Engineering Economics and Design I; Grade Method: REG/P-F/AUD. Prerequisites: ENCH 427; and ENCH 440; and ENCH 442. — 3 credits
(PermReq)
0101 MWF.....3:00pm- 3:50pm (CHE 2110) Gasner, L

ENCH450 Chemical Process Development; Grade Method: REG/P-F/AUD. Prerequisite: ENCH 427. — 3 credits
(PermReq)
0101 TuTh.....9:30am-10:45am (CHE 2136) Gasner, L

ENCH452 Advanced Chemical Engineering Analysis; Grade Method: REG/P-F/AUD. Prerequisite: ENCH 427. — 3 credits
(PermReq)
0101 MWF.....9:00am- 9:50am (CHE 2120) Wang, N

ENCH488 Research; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits
(PermReq)

ENCH492 Biochemical Engineering; Grade Method: REG/P-F/AUD. Prerequisite: senior standing in engineering or permission of both department and instructor. — 3 credits
(PermReq)
0101 MWF.....11:00am-11:50am (CHE 2108) Bentley, W

ENCH490 Introduction to Polymer Science; Grade Method: REG/P-F/AUD. Prerequisite: ENCH 425. — 3 credits
(PermReq)
0101 MWF.....10:00am-10:50am (CHE 2136) Choi, K

ENCH809 Graduate Seminar; Grade Method: REG/AUD. — 1 credit
(PermReq)
0101 Tu.....3:00pm- 3:50pm (CHE 2145) Gentry, J

ENCH820 Methods of Engineering Analysis; Grade Method: REG/AUD. — 3 credits
(PermReq)
0101 MW.....5:30pm- 6:45pm (CHE 2145) Gentry, J

ENCH830 Transport Phenomena; Grade Method: REG/AUD. — 3 credits
(PermReq)
0101 MW.....4:00pm- 5:15pm (CHE 2145) Calabrese, R

ENCH848 Special Problems in Chemical Engineering; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-16 credits
(PermReq)

ENCH848L Special Problems in Chemical Engineering: Artificial Intelligence and LISP Computing in Process Engineering; Grade Method: REG/AUD. — 3 credits
(PermReq)
0101 TuTh.....4:00pm- 5:15pm (CHE 2116) Mavrovouniotis,

ENCH735 Chemical Process Dynamics; Grade Method: REG/AUD. Prerequisite: Differential equations or permission of both department and instructor. — 3 credits
0101 MW.....1:00pm- 2:15pm (CHE 2136) Zafiriou, E

ENCH799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ENCH899 Doctoral Dissertation Research: Chemical Engineering; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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ENCO Engineering, Cooperative Education (Engineering)

ENCO098 Co-Op Work Experience; Grade Method: S-F. If dropping course, see Withdrawal and Refund of Fees - Special Refund Deadlines in the Financial Information section of the Schedule of Classes. — No credit
(PermReq)
0101 Time and room to be arranged Sauber, H

ENCO099 Co-Op Work Experience; Grade Method: S-F. If dropping course, see Withdrawal and Refund of Fees - Special Refund Deadlines in the Financial Information section of the Schedule of Classes. — No credit
(PermReq)
0101 Time and room to be arranged Sauber, H

ENEE Engineering, Electrical (Engineering)

ENEE204 Basic Circuit Theory; Grade Method: REG. Prerequisite: MATH 246. Engineering College only (04). — 3 credits
(PermReq)
0101 TuTh.....9:30am-10:45am (PHY 1410) STAFF
M.....1:00pm- 1:50pm (EGR 1102) DIS
0103 TuTh.....9:30am-10:45am (PHY 1410) STAFF
Tu.....2:00pm- 2:50pm (CHE 2120) DIS
0105 TuTh.....9:30am-10:45am (PHY 1410) STAFF
W.....12:00pm-12:50pm (EGR 3106) DIS
0106 TuTh.....9:30am-10:45am (PHY 1410) STAFF
W.....2:00pm- 2:50pm (CHM 0124) DIS
0107 TuTh.....9:30am-10:45am (PHY 1410) STAFF
Th.....8:00am- 8:50am (EGR 1110) DIS
0108 TuTh.....9:30am-10:45am (PHY 1410) STAFF
F.....9:00am- 9:50am (EGR 2102) DIS

ENEE244 Digital Logic Design; Grade Method: REG. Prerequisite: ENES 240. Engineering College only (04). — 3 credits
(PermReq)
0101 TuTh.....12:30pm- 1:45pm (EGR 1202) STAFF
M.....8:00am- 8:50am (EGR 3110) DIS
0102 TuTh.....12:30pm- 1:45pm (EGR 1202) STAFF
M.....12:00pm-12:50pm (EGR 3108) DIS
0103 TuTh.....12:30pm- 1:45pm (EGR 1202) STAFF
M.....2:00pm- 2:50pm (EGR 3110) DIS
0105 TuTh.....12:30pm- 1:45pm (EGR 1202) STAFF
Tu.....2:00pm- 2:50pm (EGR 0104) DIS
0107 TuTh.....12:30pm- 1:45pm (EGR 1202) STAFF
Th.....2:00pm- 2:50pm (EGR 0102) DIS
0108 TuTh.....12:30pm- 1:45pm (EGR 1202) STAFF
W.....8:00am- 8:50am (EGR 0102) DIS

ENEE300 Principles of Electrical Engineering; Grade Method: REG. Prerequisites: MATH 241, PHYS 263. Corequisite: ENEE 301. Required of aerospace, mechanical and chemical engineers. Not applicable in the electrical engineering major program. Acceptable as prerequisite for some advanced ENEE courses. Engineering college (04) only. — 3 credits
(PermReq)
0101 TuTh.....8:00am- 9:15am (ARM 0131) STAFF
Tu.....1:00pm- 1:50pm (EGR 1108) DIS
0102 TuTh.....8:00am- 9:15am (ARM 0131) STAFF
Th.....1:00pm- 1:50pm (EGR 1108) DIS
0103 TuTh.....8:00am- 9:15am (ARM 0131) STAFF
Tu.....2:00pm- 2:50pm (CHM 0128) DIS
0104 TuTh.....8:00am- 9:15am (ARM 0131) STAFF
Th.....2:00pm- 2:50pm (EGR 1124) DIS
0107 TuTh.....8:00am- 9:15am (ARM 0131) STAFF
W.....8:00am- 8:50am (EGR 1108) DIS
0109 TuTh.....8:00am- 9:15am (ARM 0131) STAFF
W.....2:00pm- 2:50pm (EGR 2112) DIS

ENEE301 Electrical Engineering Laboratory; Grade Method: REG. Corequisite: ENEE 300. Engineering college (04) only. — 1 credit
(PermReq)
0101 F.....8:00am- 8:50am (EGR 1202) STAFF
M.....1:00pm- 3:00pm (EGL 0124) LAB
0102 F.....8:00am- 8:50am (EGR 1202) STAFF
Tu.....1:00pm- 3:00pm (EGL 0124) LAB
0103 F.....8:00am- 8:50am (EGR 1202) STAFF
W.....1:00pm- 3:00pm (EGL 0124) LAB
0104 F.....8:00am- 8:50am (EGR 1202) STAFF
Th.....1:00pm- 3:00pm (EGL 0124) LAB
0106 F.....8:00am- 8:50am (EGR 1202) STAFF
Tu.....3:00pm- 5:00pm (EGL 0124) LAB
0107 F.....8:00am- 8:50am (EGR 1202) STAFF
M.....3:30pm- 5:30pm (EGL 0124) LAB

All lower-level CHEM, MATH, PHYS, and engineering courses that are required courses for the BS degree in Electrical Engineering must be completed before enrolling in any 300- or 400- level course (except ENEE 300 and ENEE 301). Transfer students will be allowed one term to complete all such courses after starting to take upper-level ENEE courses.

ENEE304 Systems and Circuits II; Grade Method: REG. Pre-or Corequisite: MATH 246. Prerequisite: ENEE 204 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only. — 3 credits
(PermReq)
0101 TuTh.....8:00am- 9:15am (CHE 2110) STAFF
W.....3:00pm- 3:50pm (EGR 2112) DIS
0102 TuTh.....8:00am- 9:15am (CHE 2110) STAFF
Tu.....11:00am-11:50am (ARM 0110) DIS
0201 TuTh.....11:00am-12:15pm (CHM 2201) STAFF
Th.....3:00pm- 3:50pm (EGR 2112) DIS
0202 TuTh.....11:00am-12:15pm (CHM 2201) STAFF
M.....1:00pm- 1:50pm (EGR 2112) DIS
0301 MWF.....2:00pm- 2:50pm (CHE 2108) STAFF
W.....4:00pm- 4:50pm (EGR 3110) DIS
0302 MWF.....2:00pm- 2:50pm (CHE 2108) STAFF
F.....8:00am- 8:50am (EGR 1108) DIS

ENEE305 Fundamental Laboratory; Grade Method: REG. Prerequisite: ENEE 204 and completion of all lower-division technical courses in the EE curriculum. See above note. This course is prerequisite to all ENEE 400-level laboratory courses. ENEE (09090) majors only. — 2 credits
(PermReq)
0101 F.....12:00pm-12:50pm (EGR 1202) STAFF
Tu.....8:00am-11:00am (EGL 0132A) LAB
0102 F.....12:00pm-12:50pm (EGR 1202) STAFF
Th.....8:00am-11:00am (EGL 0132A) LAB
0103 F.....12:00pm-12:50pm (EGR 1202) STAFF
Tu.....12:00pm- 3:00pm (EGL 0132A) LAB
0104 F.....12:00pm-12:50pm (EGR 1202) STAFF
Th.....12:00pm- 3:00pm (EGL 0132A) LAB
0105 F.....12:00pm-12:50pm (EGR 1202) STAFF
Th.....3:00pm- 6:00pm (EGL 0132A) LAB
0106 F.....12:00pm-12:50pm (EGR 1202) STAFF
F.....1:00pm- 4:00pm (EGL 0132A) LAB
0107 F.....12:00pm-12:50pm (EGR 1202) STAFF
M.....1:00pm- 4:00pm (EGL 0132A) LAB
0108 F.....12:00pm-12:50pm (EGR 1202) STAFF
W.....3:00pm- 6:00pm (EGL 0132A) LAB
0109 F.....12:00pm-12:50pm (EGR 1202) STAFF
W.....12:00pm- 3:00pm (EGL 0132A) LAB

ENEE314 Electronic Circuits; Grade Method: REG. Prerequisite: ENEE 304 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only. — 3 credits
(PermReq)
0101 MWF.....9:00am- 9:50am (CHM 0127) STAFF
M.....1:00pm- 1:50pm (EGR 1124) DIS
0102 MWF.....9:00am- 9:50am (CHM 0127) STAFF
M.....2:00pm- 2:50pm (EGR 1124) DIS
0201 TuTh.....12:30pm- 1:45pm (CHM 0115) STAFF
Th.....3:00pm- 3:50pm (EGR 1120) DIS
0202 TuTh.....12:30pm- 1:45pm (CHM 0115) STAFF
M.....1:00pm- 1:50pm (EGR 3102) DIS
0301 TuTh.....8:00am- 9:15am (CHE 2108) STAFF
Th.....2:00pm- 2:50pm (EGR 3102) DIS
0302 TuTh.....8:00am- 9:15am (CHE 2108) STAFF
F.....12:00pm-12:50pm (EGR 3106) DIS

ENEE322 Signal and System Theory; Grade Method: REG. Prerequisites: ENEE 204 and MATH 246 and completion of all lower-division technical courses in the curriculum. See above note. ENEE majors (09090) only. — 3 credits
(PermReq)
0101 TuTh.....9:30am-10:45am (JMP 3201) STAFF
Tu.....8:00am- 8:50am (EGR 2112) DIS
0102 TuTh.....9:30am-10:45am (JMP 3201) STAFF
Th.....11:00am-11:50am (EGR 1120) DIS
0201 MW.....11:00am-12:15pm (CHM 0119) STAFF
W.....1:00pm- 1:50pm (EGR 1102) DIS
0202 MW.....11:00am-12:15pm (CHM 0119) STAFF
F.....11:00am-11:50am (CHM 0119) DIS
0301 TuTh.....2:00pm- 3:15pm (CHE 2110) STAFF
Th.....4:00pm- 4:50pm (EGR 1120) DIS
0302 TuTh.....2:00pm- 3:15pm (CHE 2110) STAFF
Tu.....9:00am- 9:50am (EGR 2112) DIS

ENEE324 Engineering Probability; Grade Method: REG. Prerequisite: ENEE 322 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only. — 3 credits
(PermReq)
0101 MWF.....11:00am-11:50am (CHM 0115) STAFF
Tu.....2:00pm- 2:50pm (EGR 3102) DIS
0102 MWF.....11:00am-11:50am (CHM 0115) STAFF
Tu.....12:00pm-12:50pm (EGR 1110) DIS
0201 TuTh.....2:00pm- 3:15pm (CHM 0127) STAFF
F.....8:00am- 8:50am (EGR 3110) DIS
0202 TuTh.....2:00pm- 3:15pm (CHM 0127) STAFF
Tu.....9:00am- 9:50am (EGR 1110) DIS
0301 MWF.....10:00am-10:50am (ARM 0110) STAFF
Tu.....3:00pm- 3:50pm (EGR 1120) DIS
0302 MWF.....10:00am-10:50am (ARM 0110) STAFF
W.....8:00am- 8:50am (EGR 3110) DIS

ENEE380 Electromagnetic Theory; Grade Method: REG. Prerequisites: MATH 241 and PHYS 263 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only. — 3 credits
(PermReq)
0101 MWF.....10:00am-10:50am (CHM 0127) STAFF
W.....12:00pm-12:50pm (EGR 3110) DIS
0102 MWF.....10:00am-10:50am (CHM 0127) STAFF
Th.....9:00am- 9:50am (EGR 0104) DIS
0201 TuTh.....12:30pm- 1:45pm (CHM 0127) STAFF
F.....2:00pm- 2:50pm (EGR 3110) DIS
0202 TuTh.....12:30pm- 1:45pm (CHM 0127) STAFF
M.....1:00pm- 1:50pm (EGR 3114) DIS
0301 MWF.....11:00am-11:50am (CHM 0127) STAFF
W.....12:00pm-12:50pm (EGR 1106) DIS
0302 MWF.....11:00am-11:50am (CHM 0127) STAFF
Th.....12:00pm-12:50pm (EGR 1110) DIS

ENEE381 Electromagnetic Wave Propagation; Grade Method: REG. Prerequisite: ENEE 380 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors only (09090). — 3 credits
(PermReq)
0101 MWF.....8:00am- 8:50am (CHE 2108) STAFF
M.....9:00am- 9:50am (EGR 0102) DIS
0102 MWF.....8:00am- 8:50am (CHE 2108) STAFF
Tu.....4:00pm- 4:50pm (EGR 1120) DIS
0201 TuTh.....11:00am-12:15pm (CHM 0127) STAFF
F.....1:00pm- 1:50pm (EGR 3114) DIS
0202 TuTh.....11:00am-12:15pm (CHM 0127) STAFF
F.....2:00pm- 2:50pm (EGR 3108) DIS
0301 MWF.....2:00pm- 2:50pm (CHM 0127) STAFF
F.....12:00pm-12:50pm (EGR 1106) DIS
0302 MWF.....2:00pm- 2:50pm (CHM 0127) STAFF
F.....1:00pm- 1:50pm (EGR 3102) DIS

ENEE407 Microwave-Circuits Laboratory; Grade Method: REG. Prerequisites: ENEE 305 and 381 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only. — 2 credits
(PermReq)
0101 Th.....1:00pm- 1:50pm (EGR 2102) STAFF
Th.....2:00pm- 5:00pm (EGL 0145) LAB

ENEE412 Advanced Electronics; Grade Method: REG. Prerequisite: ENEE 314 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors only. — 3 credits
(PermReq)
0101 TuTh.....8:00am- 9:15am (EGR 1126) STAFF

ENEE413 Electronics Laboratory; Grade Method: REG. Prerequisite: ENEE 305 and ENEE 314 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only. — 2 credits
(PermReq)
0101 M.....12:00pm-12:50pm (CHE 2110) STAFF
Tu.....9:00am-12:00pm (EGL 0122) LAB
0102 M.....12:00pm-12:50pm (CHE 2110) STAFF
Tu.....12:30pm- 3:30pm (EGL 0122) LAB
0103 M.....12:00pm-12:50pm (CHE 2110) STAFF
Th.....9:00am-12:00pm (EGL 0122) LAB
0104 M.....12:00pm-12:50pm (CHE 2110) STAFF
Th.....12:30pm- 3:30pm (EGL 0122) LAB
0105 M.....12:00pm-12:50pm (CHE 2110) STAFF
F.....1:00pm- 4:00pm (EGL 0122) LAB
0106 M.....12:00pm-12:50pm (CHE 2110) STAFF
W.....1:00pm- 4:00pm (EGL 0122) LAB
0108 M.....12:00pm-12:50pm (CHE 2110) STAFF
M.....3:30pm- 6:30pm (EGL 0122) LAB

ENEE418 Projects in Electrical Engineering: General Electrical Engineering Projects; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. ENEE majors (09090) only. — 1-3 credits
(PermReq)

ENEE4180 Projects in Electrical Engineering: Optoelectronics Lab; Grade Method: REG. ENEE majors (09090) only. — 2 credits
(PermReq)
0101 Tu.....1:00pm- 1:50pm (EGR 1124) STAFF
Tu.....2:00pm- 5:00pm (EGL 1137) LAB

ENEE420 Communication Systems; Grade Method: REG. Prerequisite: ENEE 324 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only. — 3 credits
(PermReq)
0101 TuTh.....8:00am- 9:15am (EGR 2107) STAFF
0201 TuTh.....5:00pm- 6:15pm (EGR 1126) STAFF

ENEE425 Digital Signal Processing; Grade Method: REG. Prerequisite: ENEE 322 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only. — 3 credits
(PermReq)
0101 MW.....12:30pm- 1:45pm (EGR 1126) STAFF
0301 MW.....3:30pm- 4:45pm (EGR 3106) STAFF

ENEE435 Electrodes and Electrical Processes in Biology and Medicine; Grade Method: REG. Prerequisite: ENEE 204 or ENEE 300 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only. — 3 credits
(PermReq)
0101 TuTh.....5:00pm- 6:15pm (EGR 3110) STAFF

ENEE440 Microprocessors; Grade Method: REG. Prerequisite: ENEE 250 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors only (09090). — 3 credits
(PermReq)
0101 TuTh.....12:30pm- 1:45pm (EGR 3108) STAFF
0201 TuTh.....8:30am-10:45am (EGR 1120) STAFF
0301 TuTh.....8:00am- 9:15am (ITV 1100) STAFF

ENEE444 Logic Design of Digital Systems; Grade Method: REG. Prerequisite: ENEE 250 and completion of all lower-division technical courses in the EE curriculum. See above note. Not open to students who have completed ENEE 244. ENEE majors (09090) only. — 3 credits
(PermReq)
0101 MW.....5:00pm- 6:15pm (EGR 3108) STAFF
0301 TuTh.....8:00am- 9:15am (EGR 1108) STAFF

ENEE445 Computer Laboratory; Grade Method: REG. Prerequisite: ENEE 305 and ENEE 440 or ENEE 444 and completion of all lower-division technical course in the EE curriculum. See above note. ENEE majors (09090) only. — 2 credits
(PermReq)
0101 Tu.....10:00am-10:50am (EGR 3108) STAFF
Tu.....12:30pm- 3:30pm (EGL 0130) LAB
0102 Tu.....10:00am-10:50am (EGR 3108) STAFF
Th.....9:00am-12:00pm (EGL 0130) LAB

0103 Tu.....10:00am-10:50am (EGR 3108) STAFF
Th.....12:30pm- 3:30pm (EGL 0130) LAB

ENEE446 (PermReq) Digital Computer Design; Grade Method: REG. Prerequisite: ENEE 250 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only. 3 credits
0101 TuTh.....5:00pm- 6:15pm (PHY 4220) STAFF
0301 TuTh.....11:00am-12:15pm (EGR 0108) STAFF

ENEE450 (PermReq) Discrete Structures; Grade Method: REG. Prerequisite: ENEE 350 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only. 3 credits
0101 MW.....11:00am-12:15pm (EGR 2107) STAFF

ENEE460 (PermReq) Control Systems; Grade Method: REG. Prerequisite: ENEE 322 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only. 3 credits
0101 MW.....2:00pm- 3:15pm (EGR 3106) STAFF

ENEE461 (PermReq) Control Systems Laboratory; Grade Method: REG. Prerequisites: ENEE 305 and ENEE 460 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only. 2 credits
0101 M.....2:00pm- 2:50pm (EGR 2102) STAFF
M.....3:00pm- 6:00pm (EGL 0132) LAB

ENEE472 (PermReq) Electric Power System Components; Grade Method: REG. Prerequisite: ENEE 322; and ENEE 380; and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only. 3 credits
0101 TuTh.....11:00am-12:15pm (EGR 1126) STAFF

ENEE473 (PermReq) Electrical Machines Laboratory; Grade Method: REG. Prerequisite: ENEE 305 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only. 2 credits
0101 W.....1:00pm- 1:50pm (EGR 3114) STAFF
W.....2:30pm- 5:00pm (EGL 0130A) LAB
0102 W.....1:00pm- 1:50pm (EGR 3114) STAFF
M.....2:30pm- 5:00pm (EGL 0130A) LAB

ENEE475 (PermReq) Power Electronics; Grade Method: REG. Prerequisite: ENEE 302 and completion of all lower-divisions technical courses in the EE curriculum. See above note. ENEE majors (09090) only; 3 credits
0101 MW.....6:30pm- 7:45pm (EGR 3110) STAFF

ENEE480 (PermReq) Fundamentals of Solid State Electronics; Grade Method: REG. Prerequisite: ENEE 381 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only. 3 credits
0101 TuTh.....11:00am-12:15pm (CHM 0110) STAFF

ENEE482 (PermReq) Design of Active and Passive Microwave Devices; Grade Method: REG. Prerequisite: ENEE 381 and completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only. 3 credits
0101 MW.....2:00pm- 3:15pm (EGR 0110) STAFF

ENEE488D (PermReq) Topics in Electrical Engineering: Data Structures and Algorithms; Grade Method: REG/P-F/AUD. Prerequisite: ENEE 450 and completion of all lower-division technical courses in the EE curriculum. See above note. 3 credits
0101 TuTh.....5:00pm- 6:15pm (CLB 0108) STAFF

ENEE488K (PermReq) Topics in Electrical Engineering: Optical System Design; Grade Method: REG. Corequisite: ENEE 381. ENEE majors (09090) only. 3 credits
0101 MW.....9:30am-10:45am (EGR 2112) STAFF

ENEE496 (PermReq) Lasers and Electro-optic Devices; Grade Method: REG. Pre- or corequisite: ENEE 381. Completion of all lower-division technical courses in the EE curriculum. See above note. ENEE majors (09090) only. 3 credits
0101 MW.....11:00am-12:15pm (EGR 1120) STAFF

ENEE608A Graduate Seminar: Communications Seminar; Grade Method: REG/AUD. 1-3 credits
0101 F.....4:00pm- 4:50pm (EGR 3114) STAFF

ENEE608B Graduate Seminar: Computers; Grade Method: REG/AUD. 1-3 credits
0101 Tu.....6:30pm- 8:00pm (EGR 3114) STAFF

ENEE608C Graduate Seminar: Controls; Grade Method: REG/AUD. 1-3 credits
0101 F.....4:00pm- 5:00pm (EGR 1126) STAFF

ENEE608D Graduate Seminar: Electrophysics Seminar; Grade Method: REG/AUD. 1-3 credits
0101 F.....4:00pm- 5:00pm (EGR 3110) STAFF

ENEE608E Graduate Seminar: Microelectronics Seminar; Grade Method: REG/AUD. 1-3 credits
0101 F.....3:00pm- 4:00pm (EGR 3102) STAFF

ENEE608J Graduate Seminar: Algorithmic Methods in Queueing Networks; Grade Method: REG/AUD. 1-3 credits
0101 Time and room to be arranged STAFF

ENEE609A (PermReq) Projects in Electrical Engineering; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

ENEE609B (PermReq) Projects in Electrical Engineering; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

ENEE610 Electrical Network Theory; Grade Method: REG/AUD. Prerequisite: Undergraduate circuit theory or permission of instructor. 3 credits
0101 TuTh.....9:30am-10:45am (EGR 3102) STAFF

ENEE620 Random Processes in Communication and Control; Grade Method: REG/AUD. Prerequisite: ENEE 324 or equivalent. 3 credits
0101 MW.....12:30pm- 1:45pm (EGR 1104) STAFF
0201 MW.....5:00pm- 6:16pm (EGR 2107) STAFF

ENEE625 Multi-user Communication; Grade Method: REG/AUD. Prerequisite: ENEE 620. 3 credits
0101 TuTh.....5:00pm- 6:15pm (ITV 1111) STAFF

ENEE646 Digital Computer Design; Grade Method: REG/AUD. Prerequisite: ENEE 446. 3 credits
0101 TuTh.....11:00am-12:15pm (EGR 2107) STAFF

ENEE648C Advanced Topics in Electrical Engineering: VLSI System Design; Grade Method: REG/AUD. 3 credits
0101 MW.....5:00pm- 6:15pm (EGR 1108) STAFF

ENEE648I Advanced Topics in Electrical Engineering: Operating Systems; Grade Method: REG/AUD. 3 credits
0101 TuTh.....12:30pm- 1:45pm (EGR 2107) STAFF

ENEE648K Advanced Topics in Electrical Engineering: Fundamental Algorithmics; Grade Method: REG/AUD. 3 credits
0101 MW.....2:00pm- 3:15pm (ARM 0110) STAFF

ENEE648M Advanced Topics in Electrical Engineering: Compound Semiconductor Technology; Grade Method: REG/AUD. 3 credits
0101 TuTh.....3:30pm- 4:45pm (EGR 1102) STAFF

ENEE648S Advanced Topics in Electrical Engineering: Chaotic Dynamics; Grade Method: REG/AUD. 3 credits
0101 TuTh.....2:00pm- 3:15pm (EGR 1110) STAFF

ENEE661 Nonlinear Control Systems; Grade Method: REG/AUD. Prerequisite: ENEE 460 or permission of instructor. 3 credits
0101 MW.....2:00pm- 3:15pm (EGR 1108) STAFF

ENEE663 System Theory; Grade Method: REG/AUD. Also offered as MAPL 640. 3 credits
0101 MW.....3:30pm- 4:45pm (EGR 3114) STAFF

ENEE680 Electromagnetic Theory I; Grade Method: REG/AUD. Prerequisite: ENEE 381 or equivalent. 3 credits
0101 MW.....2:00pm- 3:15pm (EGR 1104) STAFF

ENEE690 Quantum and Wave Phenomena with Electrical Application; Grade Method: REG/AUD. Prerequisites: ENEE 381 and ENEE 382 or equivalent. 3 credits
0101 MW.....11:00am-12:15pm (EGR 0104) STAFF

ENEE696 Integrated and Microwave Electronics; Grade Method: REG/AUD. Prerequisite: ENEE 310. Recommended: ENEE 793. 3 credits
0101 TuTh.....5:00pm- 6:15pm (EGR 2107) STAFF

ENEE697 Semiconductor Devices and Technology; Grade Method: REG/AUD. Prerequisite: ENEE 496 or equivalent. Recommended: ENEE 793. 3 credits
0101 TuTh.....11:00am-12:15pm (EGR 0104) STAFF

ENEE721 Information Theory; Grade Method: REG/AUD. Corequisite: ENEE 620. Prerequisite: STAT 400 or equivalent. Also offered as MAPL 731. 3 credits
0101 MW.....12:30pm- 1:45pm (EGR 2107) STAFF

ENEE724 Digital Signal Processing; Grade Method: REG/AUD. Prerequisite: ENEE 620 or permission of instructor. 3 credits
0101 MW.....3:30pm- 4:45pm (EGR 2107) STAFF

ENEE728C Advanced Topics in Communication Theory: Adaptive Signal Processing; Grade Method: REG/AUD. 3 credits
0101 MW.....2:00pm- 3:15pm (EGR 0108) STAFF

ENEE769A Advanced Topics in Control Theory: Design and Control of Robotic Manipulation; Grade Method: REG/AUD. 3 credits
0101 MW.....12:30pm- 1:45pm (EGR 0108) STAFF

ENEE791 Quantum Electronics II; Grade Method: REG/AUD. 3 credits
0101 TuTh.....5:00pm- 6:15pm (EGR 1120) STAFF

ENEE793 Solid State Electronics; Grade Method: REG/AUD. Prerequisite: a graduate course in quantum mechanics or permission of instructor. 3 credits
0101 MW.....2:00pm- 3:15pm (EGR 3114) STAFF

ENEE799 (PermReq) Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ENEE899 (PermReq) Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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ENES Engineering Science (Engineering)

ENES101 (PermReq) Introductory Engineering Science; Grade Method: REG/P-F/AUD. For engineering majors only. 3 credits
0101 MW.....8:00am- 8:50am (ARM 0126) Pertmer, G
Tu.....8:00am-10:00am (CHE 2145) DIS
0103 MW.....8:00am- 8:50am (ARM 0126) Pertmer, G
Th.....8:00am-10:00am (CHE 2140) DIS
0104 MW.....8:00am- 8:50am (ARM 0128) Pertmer, G
Th.....10:00am-12:00pm (CHE 2140) DIS
0105 MW.....8:00am- 8:50am (ARM 0126) Pertmer, G
F.....8:00am-10:00am (CHE 2140) DIS
0106 MW.....8:00am- 8:50am (ARM 0126) Pertmer, G
F.....12:00pm- 2:00pm (CHE 2136) DIS
0201 MW.....12:00pm-12:50pm (ARM 0131) Mosleh, A
Tu.....8:00am-10:00am (CHE 2140) DIS
0202 MW.....12:00pm-12:50pm (ARM 0131) Mosleh, A
Tu.....10:00am-12:00pm (CHE 2140) DIS
0203 MW.....12:00pm-12:50pm (ARM 0131) Mosleh, A
Tu.....1:00pm- 3:00pm (CHE 2145) DIS
0204 MW.....12:00pm-12:50pm (ARM 0131) Mosleh, A
Th.....8:00am-10:00am (CHE 2145) DIS
0205 MW.....12:00pm-12:50pm (ARM 0131) Mosleh, A
Th.....1:00pm- 3:00pm (EGR 1120) DIS
0301 TuTh.....2:00pm- 2:50pm (CHM 1407) Macwan, A
M.....1:00pm- 3:00pm (CHE 2140) DIS
0302 TuTh.....2:00pm- 2:50pm (CHM 1407) Macwan, A
M.....1:00pm- 3:00pm (EGR 1110) DIS
0303 TuTh.....2:00pm- 2:50pm (CHM 1407) Macwan, A
W.....12:00pm- 2:00pm (CHM 0124) DIS
0304 TuTh.....2:00pm- 2:50pm (CHM 1407) Macwan, A
W.....1:00pm- 3:00pm (CHE 2145) DIS
0305 TuTh.....2:00pm- 2:50pm (CHM 1407) Macwan, A
W.....1:00pm- 3:00pm (CHE 2140) DIS
0306 TuTh.....2:00pm- 2:50pm (CHM 1407) Macwan, A
F.....12:00pm- 2:00pm (CHE 2140) DIS

ENES110 (PermReq) Statics; Grade Method: REG/P-F/AUD. Corequisite: MATH 141. Prerequisite: MATH 140. Limited to engineering students. Must be a student in the College of Engineering. 3 credits
0101 TuTh.....2:00pm- 2:50pm (EGR 1202) STAFF
M.....12:00pm- 2:00pm (EGR 3110) DIS
0102 TuTh.....2:00pm- 2:50pm (EGR 1202) STAFF
Tu.....11:00am- 1:00pm (EGR 3110) DIS
0103 TuTh.....2:00pm- 2:50pm (EGR 1202) STAFF
Th.....11:00am- 1:00pm (EGR 3110) DIS
0104 TuTh.....2:00pm- 2:50pm (EGR 1202) STAFF
F.....12:00pm- 2:00pm (EGR 3110) DIS
0201 TuTh.....1:00pm- 1:50pm (JMP 3201) STAFF
M.....12:00pm- 2:00pm (CHM 0124) DIS
0202 TuTh.....1:00pm- 1:50pm (JMP 3201) STAFF
M.....2:00pm- 4:00pm (EGR 2112) DIS
0204 TuTh.....1:00pm- 1:50pm (JMP 3201) STAFF
F.....1:00pm- 3:00pm (EGR 2112) DIS

ENES220 Mechanics of Materials; Grade Method: REG/AUD. Prerequisites: MATH 141; and PHYS 161; and ENES 110. Must be a student in the College of Engineering. 3 credits
0101 MWF.....8:00am- 8:50am (EGR 3106) STAFF
0201 MWF.....9:00am- 9:50am (EGR 3106) STAFF
0301 MWF.....10:00am-10:50am (EGR 0108) STAFF
0401 MWF.....11:00am-11:50am (EGR 3106) STAFF
0501 TuTh.....8:00am- 9:15am (EGR 0108) STAFF

ENES221 (PermReq) Dynamics; Grade Method: REG/P-F/AUD. Prerequisites: ENES 110; and MATH 141; and PHYS 161. Must be a student in the College of Engineering. 3 credits
0101 MW.....8:00am- 8:50am (EGR 1202) STAFF
M.....1:00pm- 3:00pm (EGR 1120) DIS
0102 MW.....8:00am- 8:50am (EGR 1202) STAFF
W.....1:00pm- 3:00pm (EGR 1120) DIS
0103 MW.....8:00am- 8:50am (EGR 1202) STAFF
F.....8:00am-10:00am (EGR 0135) DIS
0201 TuTh.....9:30am-10:20am (EGR 1202) STAFF
M.....1:00pm- 3:00pm (CHE 2145) DIS
0202 TuTh.....9:30am-10:20am (EGR 1202) STAFF
Tu.....1:00pm- 3:00pm (EGR 2112) LAB
0203 TuTh.....9:30am-10:20am (EGR 1202) STAFF
Tu.....1:00pm- 3:00pm (EGR 2154) DIS
0204 TuTh.....9:30am-10:20am (EGR 1202) STAFF
Th.....1:00pm- 3:00pm (EGR 2112) DIS

ENES221H (PermReq) Dynamics; Grade Method: REG/P-F/AUD. Prerequisites: ENES 110; and MATH 141; and PHYS 161. Requires MATH SAT score of 650. 3 credits
0101 TuTh.....9:30am-10:45am (EGR 1102) STAFF

ENES230 (PermReq) Introduction to Materials and their Applications; Grade Method: REG/P-F/AUD. Prerequisite: ENES 110. Must be a student in the College of Engineering. 3 credits
0101 TuTh.....3:30pm- 4:45pm (CHE 2108) Marriott, R

ENES240 (PermReq) Engineering Computation; Grade Method: REG. Prerequisite: MATH 141. Engineering College (04) only. 3 credits
0103 MW.....11:00am-11:50am (ARM 0135) STAFF
Tu.....10:00am-12:00pm (EGR 1110) DIS
0104 MW.....11:00am-11:50am (ARM 0135) STAFF
Tu.....10:00am-12:00pm (EGR 2112) DIS
0105 MW.....11:00am-11:50am (ARM 0135) STAFF
Tu.....1:00pm- 3:00pm (EGR 1120) DIS
0108 MW.....11:00am-11:50am (ARM 0135) STAFF
Th.....10:00am-12:00pm (EGR 1110) DIS
0110 MW.....11:00am-11:50am (ARM 0135) STAFF
Th.....1:00pm- 3:00pm (CHE 2145) DIS
0111 MW.....11:00am-11:50am (ARM 0135) STAFF
Th.....1:00pm- 3:00pm (EGR 3110) DIS
0112 MW.....11:00am-11:50am (ARM 0135) STAFF
F.....1:00pm- 3:00pm (EGR 1120) DIS

ENES386 Field Work; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

ENES387 Field Work Analysis; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

ENES388 Engineering Honors Seminar; Grade Method: REG/P-F. 1 credit
0101 W.....12:00pm- 1:00pm (EGR 3108) McCuen, R

ENES389A Selected Topics: How Things Work - Technological Literacy for 1990's; Grade Method: REG/AUD. CORE Distributive Studies Physical Science Course. 3 credits
0101 MWF.....10:00am-10:50am (ITV 1111) STAFF
TV01 Time and room to be arranged STAFF

ENFP Engineering, Fire Protection (Engineering)

ENFP251 Introduction to Fire Protection Engineering; Grade Method: REG/P-F/AUD. 3 credits
0101 MW.....9:00am-11:00am (EGR 0135) Bryan, J

ENFP310 (PermReq) Fire Protection Systems Design I; Grade Method: REG/P-F/AUD. Prerequisite: ENFP 290. 3 credits
0101 TuTh.....8:00am-10:00am (EGR 0135) Mowrer, F

ENFP320 (PermReq) Pyrometrics of Materials; Grade Method: REG/P-F/AUD. 3 credits
0101 MW.....2:00pm- 4:00pm (EGR 0135) Bryan, J

ENFP415 (PermReq) Fire Dynamics; Grade Method: REG/P-F/AUD. Prerequisites: ENCH 300 or ENME 320; and ENCE 330 or ENME 342; and ENFP 312 or permission of department. 3 credits
0101 MW.....12:00pm- 2:00pm (EGR 0135) Quintiere, J

ENFP421 (PermReq) Functional and Life Safety Analysis; Grade Method: REG/P-F/AUD. Prerequisites: ENFP 320; and ENFP 315. 3 credits
0101 TuTh.....10:00am-12:00pm (EGR 0135) Milke, J

ENFP489 (PermReq) Special Topics: Computer Analysis in Fire Protection Engineering; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....2:00pm- 4:00pm (EGR 0135) Mowrer, F

ENFP614 (PermReq) Egress Characteristics and Design; Grade Method: REG/AUD. 3 credits
0101 MW.....5:30pm- 7:00pm (EGR 0135) Bryan, J

ENFP621 (PermReq) Analytical Procedures of Structural Fire Protection; Grade Method: REG/AUD. Prerequisite: ENFP 421. 3 credits
0101 TuTh.....4:00pm- 5:30pm (EGR 0135) Milke, J

ENFP624 (PermReq) Causative Analysis; Grade Method: REG/AUD. Prerequisite: ENFP 489. 3 credits
0101 TuTh.....5:30pm- 7:00pm (EGR 0135) Mowrer, F

ENFP629 (PermReq) Selected Topics; Grade Method: REG/AUD. 3 credits
0101 MW.....4:00pm- 5:30pm (EGR 0135) Quintiere, J

ENGL English (Arts and Humanities)

A student enrolled in ENGL A101, Spring 1991 ENGL 101, will have a reserved seat in the course for the Spring 1991 semester. The enrollment must be confirmed during Spring 1991 advance registration.

ENGL101 Introduction to Writing; Grade Method: REG. Students with a TWSE score below 33 must take ENGL 101A in place of ENGL 101. Students for whom English is a second language should consider taking ENGL 101X in place of ENGL 101. 3 credits
0001 MWF.....8:00am- 8:50am (TLF 1104) Sanders, C
0002 MWF.....8:00am- 8:50am (TLF 0110) Dove, L
0003 MWF.....8:00am- 8:50am (KEY 0119) Farmer, W
0101 MWF.....9:00am- 9:50am (TLF 0103) Sanders, C
0102 MWF.....9:00am- 9:50am (HBK 1108) Bond, E
0103 MWF.....9:00am- 9:50am (ARM 0105) Fischer, T
0104 MWF.....9:00am- 9:50am (ARM 0120) Hall, D
0105 MWF.....9:00am- 9:50am (KEY 0119) Farmer, W
0106 MWF.....9:00am- 9:50am (TLF 0110) Dove, L
0107 MWF.....9:00am- 9:50am (HBK 0117) Gulino, F
0108 MWF.....9:00am- 9:50am (ARM 0119) Harrell, W
0109 MWF.....9:00am- 9:50am (WDS 0104) Giroir, M
0110 MWF.....9:00am- 9:50am (TLF 0108) Virgilio, D
0111 MWF.....9:00am- 9:50am (WDS 1131) Burcham, L
0112 MWF.....9:00am- 9:50am (TLF 2110) Plaza, V
0201 MWF.....10:00am-10:50am (ARM 0117) Harrell, W
0202 MWF.....10:00am-10:50am (HBK 0125) Giroir, M
0203 MWF.....10:00am-10:50am (ARM 0119) Fischer, T
0204 MWF.....10:00am-10:50am (HBK 0105) Hutchins, J
0205 MWF.....10:00am-10:50am (TLF 0102) STAFF
0207 MWF.....10:00am-10:50am (HBK 0117) Gulino, F
0208 MWF.....10:00am-10:50am (HBK 1116) Kieserman, S
0301 MWF.....11:00am-11:50am (ARM 0120) Koch, L
0302 MWF.....11:00am-11:50am (TLF 0108) Rush, J
0303 MWF.....11:00am-11:50am (ARM 0105) Kupka, K
0304 MWF.....11:00am-11:50am (ARM 0121) STAFF
0305 MWF.....11:00am-11:50am (HBK 0115) Hutchins, J
0306 MWF.....11:00am-11:50am (HBK 1116) Kieserman, S
0307 MWF.....11:00am-11:50am (HBK 0125) STAFF
0308 MWF.....11:00am-11:50am (ARM 0103) Curry, R
0309 MWF.....11:00am-11:50am (WDS 1130) STAFF
0401 MWF.....12:00pm-12:50pm (KEY 0125) Kupka, K
0402 MWF.....12:00pm-12:50pm (KEY 0117) Rush, J
0403 MWF.....12:00pm-12:50pm (WDS 1131) Oxindine, A
0404 MWF.....12:00pm-12:50pm (KEY 0121) Virgilio, D
0405 MWF.....12:00pm-12:50pm (HBK 0115) STAFF
0406 MWF.....12:00pm-12:50pm (TLF 1101) Rotaru, A
0407 MWF.....12:00pm-12:50pm (ARM 0105) Eisenhauer, L
0408 MWF.....12:00pm-12:50pm (HBK 0125) Oakley, T
0409 MWF.....12:00pm-12:50pm (HBK 0117) Steinberg, S
0410 MWF.....12:00pm-12:50pm (ARC 1123) Ruppel, F
0411 MWF.....12:00pm-12:50pm (TLF 0108) Burcham, L
0412 MWF.....12:00pm-12:50pm (WDS 1127) Plaza, V
0501 MWF.....1:00pm- 1:50pm (WDS 1127) Solari, R
0502 MWF.....1:00pm- 1:50pm (WDS 1131) Oxindine, A
0503 MWF.....1:00pm- 1:50pm (SYM 1308) Feldmann, R
0504 MWF.....1:00pm- 1:50pm (HBK 0125) Oakley, T
0505 MWF.....1:00pm- 1:50pm (ARC 1127) Ruppel, F
0506 MWF.....1:00pm- 1:50pm (ARM 0117) Steinberg, S
0507 MWF.....1:00pm- 1:50pm (JMZ 1226) Thomas, B
0508 MWF.....1:00pm- 1:50pm (HBK 0115) Fitzgerald, W
0801 MWF.....2:00pm- 2:50pm (WDS 1127) Mock, J
0802 MWF.....2:00pm- 2:50pm (RSY 3219) Rotaru, A
0803 MWF.....2:00pm- 2:50pm (TLF 0103) Acosta, A
0604 MWF.....2:00pm- 2:50pm (HBK 0115) Buck, J
0605 MWF.....2:00pm- 2:50pm (JMZ 0120) Thomas, B
0606 MWF.....2:00pm- 2:50pm (SYM 1308) McElhiney, K
0608 MWF.....2:00pm- 2:50pm (RSY 3211) Pleydell, S
0701 MWF.....3:00pm- 3:50pm (TLF 2126) McElhiney, K
0702 MWF.....3:00pm- 3:50pm (TLF 2108) Mock, J
0703 MWF.....3:00pm- 3:50pm (TLF 1102) STAFF
0707 MWF.....3:00pm- 3:50pm (TLF 2101) Wurdeman, M
0801 MWF.....4:00pm- 4:50pm (KEY 0124) Wurdeman, M
1002 TuTh.....8:00am- 9:15am (TLF 2101) Dickinson, L
1003 TuTh.....8:00am- 9:15am (KEY 0117) Lin, D
1004 TuTh.....8:00am- 9:15am (TLF 0108) Callahan, F
1005 TuTh.....8:00am- 9:15am (KEY 0121) STAFF
1006 TuTh.....8:00am- 9:15am (JMZ 1226) Rawlings, P
1007 TuTh.....8:00am- 9:15am (TLF 0103) Canaday, S
1101 TuTh.....9:30am-10:45am (KEY 0119) Lin, D
1102 TuTh.....9:30am-10:45am (TLF 0108) Callahan, F
1103 TuTh.....9:30am-10:45am (TLF 2101) Dickinson, L
1104 TuTh.....9:30am-10:45am (TYD 1136) STAFF
1105 TuTh.....9:30am-10:45am (Arranged) Paxton, A
1107 TuTh.....9:30am-10:45am (EDU 0210) STAFF
1108 TuTh.....9:30am-10:45am (ARC 1123) Christie, A
1109 TuTh.....9:30am-10:45am (JMZ 1226) STAFF
1201 TuTh.....11:00am-12:15pm (TLF 1104) Hauch, S
1202 TuTh.....11:00am-12:15pm (COL 3114) Hart, T
1203 TuTh.....11:00am-12:15pm (ASY 3221) Rodowsky, K
1205 TuTh.....11:00am-12:15pm (EDU 0210) Christie, A
1206 TuTh.....11:00am-12:15pm (ARM 0103) Gillett, S
1207 TuTh.....11:00am-12:15pm (EGR 3114) Carmichael, E
1208 TuTh.....11:00am-12:15pm (WDS 1127) Ellis, L
1209 TuTh.....11:00am-12:15pm (TLF 0110) Canaday, S
1210 TuTh.....11:00am-12:15pm (Arranged) Paxton, A
1301 TuTh.....12:30pm- 1:45pm (COL 0100) O'Foran, M
1302 TuTh.....12:30pm- 1:45pm (COL 3111) Hart, T
1303 TuTh.....12:30pm- 1:45pm (EGR 1106) Carmichael, E
1304 TuTh.....12:30pm- 1:45pm (ASY 3221) Moomau, G
1305 TuTh.....12:30pm- 1:45pm (COL 0104) STAFF
1306 TuTh.....12:30pm- 1:45pm (ARM 0121) Eaton, B
1307 TuTh.....12:30pm- 1:45pm (KEY 0119) Greenberg, S
1308 TuTh.....12:30pm- 1:45pm (ARC 1123) Argo, M
1309 TuTh.....12:30pm- 1:45pm (WDS 0104) Gillett, S
1310 TuTh.....12:30pm- 1:45pm (JMZ 2117) STAFF
1401 TuTh.....2:00pm- 3:15pm (HBK 1116) Sprecher, L
1402 TuTh.....2:00pm- 3:15pm (TLF 1104) Argo, M
1403 TuTh.....2:00pm- 3:15pm (ARM 0102) O'Foran, M
1404 TuTh.....2:00pm- 3:15pm (TWS 2212) STAFF
1405 TuTh.....2:00pm- 3:15pm (ARM 0101) Eaton, B
1406 TuTh.....2:00pm- 3:15pm (TLF 0110) Harrington, S
1407 TuTh.....2:00pm- 3:15pm (Arranged) Moul, C
1409 TuTh.....2:00pm- 3:15pm (JMZ 2117) Curley, M
1501 TuTh.....3:30pm- 4:45pm (ARM 0101) STAFF
1502 TuTh.....3:30pm- 4:45pm (HBK 0117) Makaym, E
1503 TuTh.....3:30pm- 4:45pm (ARC 1123) Harrington, S
1504 TuTh.....3:30pm- 4:45pm (KEY 0119) Davison, N
1505 TuTh.....3:30pm- 4:45pm (Arranged) Moul, C
1601 TuTh.....4:00pm- 5:15pm (TLF 1104) Anderson, C
1602 TuTh.....3:30pm- 4:45pm (KEY 0103) Sprecher, L
1801 TuTh.....7:00pm- 8:15pm (KEY 0119) McMahon, D
1802 TuTh.....7:00pm- 8:15pm (KEY 0120) Anderson, C

ENGL101A Introduction to Writing; Grade Method: REG. Students should take ENGL 101A rather than ENGL 101 if their TWSE score (a subscore of the SAT verbal) is 33 or below. 3 credits
1701 MWF.....9:00am- 9:50am (JRN 1101) Thomas, B
1703 MWF.....11:00am-11:50am (GEO 1120) Thomas, B
1706 TuTh.....9:30am-10:45am (JMZ 0202) Rawlings, P

ENGL101H Introduction to Writing; Grade Method: REG. 3 credits
0101 MWF.....10:00am-10:50am (ARM 0120) Shevlin, E
0201 MWF.....1:00pm- 1:50pm (KEY 0123) Shevlin, E
0301 TuTh.....9:30am-10:45am (COL 3114) Meng, D
0401 TuTh.....2:00pm- 3:15pm (KEY 0120) Johnson, E

ENGL101X (PermReq) Introduction to Writing; Grade Method: REG. Limited to students for whom English is a second language. To register for ENGL 101X, a student must first demonstrate competence in English. Proof of one of the following should be brought to TLF 0139 (X4160). 1. A TOEFL score of 550 with no sectional score below 50. 2. A CELT score of 220 with no subtest score below 60 and a rating of 5 or better on the writing sample. 3. Successful completion of UMEI 005: Advanced English as a Foreign Language, Semi-Intensive. 3 credits
2001 TuTh.....9:00am- 9:15am (KEY 0119) Sun, Y
2002 TuTh.....9:30am-10:45am (JMZ 1124) Sun, Y
2003 TuTh.....11:00am-12:15pm (JMZ 1109) STAFF
2004 MWF.....10:00am-10:50am (LEF 1210) Haspel, D
2005 MWF.....10:00am-10:50am (CHE 2116) Marrazzo, F
2006 MWF.....11:00am-11:50am (EGR 1124) Chitwood, C
2007 MWF.....9:00am- 9:50am (CHE 2116) Marrazzo, F

ENGL201 Western World Literature, Homer to the Renaissance; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. 3 credits
0101 MWF.....10:00am-10:50am (TLF 2110) Demaree, C
0201 MWF.....11:00am-11:50am (KEY 0119) Kibler, R
0301 TuTh.....2:00pm- 3:15pm (WDS 1130) Hamilton, G
0401 MWF.....2:00pm- 2:50pm (TLF 2126) Panichas, G

ENGL201H (PermReq) Western World Literature, Homer to the Renaissance; Grade Method: REG/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. 3 credits
0101 TuTh.....12:30pm- 1:45pm (KEY 0117) Wilson, G

ENGL202 World Literature; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. 3 credits
0101 MWF.....9:00am- 9:50am (TLF 1101) Buhlig Jr., P
0201 MWF.....10:00am-10:50am (TLF 2101) Buhlig Jr., P
0301 MWF.....9:00am- 9:50am (TLF 1104) Munter, R
0401 MWF.....10:00am-10:50am (WDS 1130) Munter, R
0501 MWF.....12:00pm-12:50pm (KEY 0120) Munter, R

ENGL205 Introduction to Shakespeare; Grade Method: REG/P-F/AUD. CORE Distributive Studies 3 credits

Literature Course. USP Distributive Studies Area C Course. Recommended for non-majors.

0101 MWF.....10:00am-10:50am (KEY 0120) Barry, J
0201 MWF.....12:00pm-12:50pm (TLF 1102) Davis, J
0301 TuTh.....8:00am- 9:15am (TLF 1103) Jaster, M
0401 TuTh.....9:30am-10:45am (TLF 2103) Jaster, M
0501 MWF.....1:00pm- 1:50pm (TLF 0103) Davis, J
0601 TuTh.....12:30pm- 1:45pm (WDS 1131) Curley, M
0701 MWF.....10:00am-10:50am (KEY 0119) Davis, J
0801 MWF.....11:00am-11:50am (TLF 0110) Grossman, M
0901 TuTh.....8:00am- 9:15am (LEF 1220) Pacheco, A
1001 TuTh.....9:30am-10:45am (LEF 1220) Pacheco, A

ENGL211 English Literature From the Beginnings to 1800; Grade Method: REG/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. — 3 credits

0101 MWF.....12:00pm-12:50pm (TLF 2103) Chitwood, C
0201 MWF.....12:00pm-12:50pm (KEY 0124) Buhlig Jr., P
0301 MWF.....2:00pm- 2:50pm (KEY 0120) Buhlig Jr., P

ENGL212 English Literature From 1800 to the Present; Grade Method: REG/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. — 3 credits

0101 TuTh.....11:00am-12:15pm (TLF 2101) Isaacs, N
0201 MWF.....9:00am- 9:50am (TLF 1103) Pedreira, M
0301 MWF.....11:00am-11:50am (TLF 1103) Hall, D

ENGL221 American Literature: Beginning to 1865; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. — 3 credits

0101 MWF.....2:00pm- 2:50pm (TLF 1101) Vitzthum, R

ENGL222 American Literature: 1865 to Present; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. — 3 credits

0101 TuTh.....11:00am-12:15pm (TLF 2126) Bryer, J
0201 TuTh.....11:00am-12:15pm (TLF 2103) Tavares, M
0301 TuTh.....2:00pm- 3:15pm (TLF 2108) Tavares, M
0501 MWF.....10:00am-10:50am (TLF 1102) Haspel, D

ENGL234 Introduction to African-American Literature; Grade Method: REG/P-F/AUD. CORE Distribbtive Studies Literature Course. USP Distributive Studies Area C Course. — 3 credits

0101 MWF.....1:00pm- 1:50pm (TLF 2101) Subbaraman, S
0201 TuTh.....9:30am-10:45am (TLF 0110) Medbah, K
0301 MWF.....2:00pm- 2:50pm (TLF 2108) Subbaraman, S
0401 MWF.....9:00am- 9:50am (TLF 2103) Asres, A
0501 MWF.....10:00am-10:50am (TLF 0110) Asres, A

ENGL240 Introduction to Fiction, Poetry, and Drama; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. Not open to students who have completed ENGL 102. — 3 credits

0101 TuTh.....11:00am-12:15pm (TLF 1103) Lima, M

ENGL241 Introduction to the Novel; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. — 3 credits

0101 TuTh.....3:30pm- 4:45pm (TLF 1101) Hauch, S
0201 TuTh.....12:30pm- 1:45pm (TLF 1103) Hauch, S
0301 MWF.....12:00pm-12:50pm (TLF 0103) Svrjcek, M
0401 TuTh.....12:30pm- 1:45pm (WDS 1127) Ray, S
0601 TuTh.....9:30am-10:45am (KEY 0123) STAFF
0701 TuTh.....11:00am-12:15pm (TLF 1102) Cannon, E
0801 TuTh.....12:30pm- 1:45pm (TLF 0102) Saje, N
0901 TuTh.....2:00pm- 3:15pm (KEY 0116) Salamanca, J.
1001 TuTh.....3:30pm- 4:45pm (TLF 1103) Martinson, R

ENGL243 Introduction to Poetry; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. — 3 credits

0101 TuTh.....12:30pm- 1:45pm (TLF 1101) Griggs, J
0301 MWF.....1:00pm- 1:50pm (KEY 0125) Terchek, M
0401 TuTh.....11:00am-12:15pm (ARM 0120) Brigham, L
0501 TuTh.....12:30pm- 1:45pm (TLF 0101) Steinecke, A
0601 MWF.....1:00pm- 1:50pm (TLF 2103) Curry, R
0701 MWF.....11:00am-11:50am (KEY 0124) Roberts, K
0801 MWF.....12:00pm-12:50pm (TLF 0102) Roberts, K

ENGL244 Introduction to Drama; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. — 3 credits

0101 TuTh.....9:30am-10:45am (KEY 0121) Rodowsky, K
0401 TuTh.....4:00pm- 5:15pm (KEY 0121) Bell, D
0501 TuTh.....12:30pm- 1:45pm (TLF 1102) Gray, C

ENGL246 The Short Story; Grade Method: REG/AUD. USP Distributive Studies Area C Course. — 3 credits

0101 MWF.....2:00pm- 2:50pm (TLF 0102) Roberts, K

ENGL247 Literature of Fantasy; Grade Method: REG/AUD. USP Distributive Studies Area C Course. — 3 credits

0101 TuTh.....9:30am-10:45am (WDS 1127) Weise, N
0201 TuTh.....11:00am-12:15pm (TLF 0102) Weise, N

ENGL250 Women in Literature; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. — 3 credits

0101 TuTh.....9:30am-10:45am (TLF 1103) Loiselle, C
0201 TuTh.....12:30pm- 1:45pm (ARC 1125) Vogt, K
0301 MWF.....2:00pm- 2:50pm (TLF 1104) Swatski, J

ENGL260 Introduction to Folklore; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Not open to students who have completed ENGL 360. — 3 credits

0101 MWF.....1:00pm- 1:50pm (TLF 1103) Pearson, B
0201 MWF.....2:00pm- 2:50pm (TLF 1103) Pearson, B

ENGL281 Standard English Grammar, Usage, and Diction; Grade Method: REG/P-F/AUD. — 3 credits

0101 MWF.....10:00am-10:50am (TLF 1103) Herman, H
0201 MWF.....11:00am-11:50am (KEY 0125) Herman, H
0301 TuTh.....12:30pm- 1:45pm (JMZ 1122) Oliver, G

ENGL291 Intermediate Writing; Grade Method: REG/P-F/AUD. — 3 credits

0101 MWF.....11:00am-11:50am (KEY 0123) Kibler, R
0201 MWF.....1:00pm- 1:50pm (TLF 0108) STAFF

ENGL294 Introduction to Creative Writing; Grade Method: REG/P-F/AUD. Sophomore standing. — 3 credits

0101 TuTh.....12:30pm- 1:45pm (WDS 1130) O'Sullivan, S
0201 MW.....3:00pm- 4:15pm (TLF 1104) Pleydell, S

ENGL296 Beginning Fiction Workshop; Grade Method: REG/P-F/AUD. — 3 credits

0101 MW.....3:00pm- 4:15pm (TLF 0108) Acosta, A
0201 MW.....3:00pm- 4:15pm (TLF 0102) Solari, R
0301 MW.....3:00pm- 4:15pm (TLF 0110) Buck, J
0401 TuTh.....2:00pm- 3:15pm (JMZ 1104) Greenberg, S

ENGL297 Beginning Poetry Workshop; Grade Method: REG/P-F/AUD. — 3 credits

0101 MW.....3:00pm- 4:15pm (TLF 1103) Roberts, K
0201 TuTh.....2:00pm- 3:15pm (JMZ 1120) Biespiel, D
0301 TuTh.....2:00pm- 3:15pm (JMZ 1224) Buck, P

ENGL301 Critical Methods in the Study of Literature; Grade Method: REG/P-F/AUD. USP Distributive Studies Area C Course. — 3 credits

0101 MWF.....12:00pm-12:50pm (KEY 0119) Turner, M
0201 MWF.....1:00pm- 1:50pm (KEY 0120) Handelman, S
0301 TuTh.....12:30pm- 1:45pm (TLF 0108) Auerbach, J
0401 MWF.....1:00pm- 1:50pm (TLF 0110) Barry, J
0501 MWF.....2:00pm- 2:50pm (KEY 0123) Barry, J
0601 TuTh.....2:00pm- 3:15pm (TLF 2103) Trousdale, M
0701 TuTh.....3:30pm- 4:45pm (TLF 1102) Trousdale, M
0801 TuTh.....9:30am-10:45am (TLF 1104) Marcuse, M
0901 TuTh.....11:00am-12:15pm (JMZ 0120) Davis, K
1001 TuTh.....12:30pm- 1:45pm (JMZ 0120) Davis, K
1101 MWF.....12:00pm-12:50pm (TWS 2228) Carmichael, E

ENGL301H (PermReq) Critical Methods in the Study of Literature; Grade Method: REG. USP Distributive Studies Area C Course. For general and departmental honors students. — 3 credits

0101 TuTh.....9:30am-10:45am (WDS 1131) Levine, R

ENGL304 The Major Works of Shakespeare; Grade Method: REG/P-F/AUD. USP Distributive Studies Area C Course. Not open to students who have completed ENGL 403 and ENGL 404. — 3 credits

0101 TuTh.....8:00am- 9:15am (TLF 2110) Wilson, G
0201 TuTh.....9:30am-10:45am (TLF 2110) Wilson, G

ENGL310 Medieval and Renaissance British Literature; Grade Method: REG. For English and English education majors only. Not open to students who have completed ENGL 211 or ENGL 212. — 3 credits

0101 MWF.....11:00am-11:50am (TLF 1104) Cartwright, K
0301 MWF.....1:00pm- 1:50pm (TLF 0102) Cartwright, K
0401 TuTh.....2:00pm- 3:15pm (KEY 0121) O'Sullivan, S

ENGL310H (PermReq) Medieval and Renaissance British Literature; Grade Method: REG/P-F/AUD. For English and English education majors only. Not open to students who have completed ENGL 211 or ENGL 212. — 3 credits

0101 MWF.....9:30am-10:45am (TLF 0135) Mack Jr, M

ENGL311 Baroque and Augustan British Literature; Grade Method: REG. For English and English education majors only. — 3 credits

0101 MWF.....10:00am-10:50am (TLF 2103) Birdsall, E

0201 MWF.....11:00am-11:50am (KEY 0121) Birdsall, E
0301 TuTh.....2:00pm- 3:15pm (KEY 0123) McDowell, P
0501 TuTh.....2:00pm- 3:15pm (TLF 2101) Weise, N
0601 TuTh.....11:00am-12:15pm (KEY 0117) McDowell, P

ENGL312 Romantic to Modern British Literature; Grade Method: REG. For English and English education majors only. — 3 credits

0101 TuTh.....9:30am-10:45am (TLF 0102) Peterson, W

0201 MWF.....1:00pm- 1:50pm (TLF 2128) Demaree, C
0301 TuTh.....11:00am-12:15pm (KEY 0123) Peterson, W
0401 MWF.....2:00pm- 2:50pm (KEY 0121) Cate, G
0501 MWF.....1:00pm- 1:50pm (KEY 0124) Cate, G
0601 MWF.....2:00pm- 2:50pm (KEY 0124) Kleine, D

ENGL313 American Literature; Grade Method: REG. For English and English education majors only. Not open to students who have completed ENGL 221 or ENGL 222. — 3 credits

0101 MWF.....10:00am-10:50am (KEY 0124) Van Egmond, P
0201 TuTh.....11:00am-12:15pm (KEY 0119) Moore, T
0301 TuTh.....12:30pm- 1:45pm (KEY 0120) Holton, M
0401 TuTh.....2:00pm- 3:15pm (TLF 0103) Holton, M

ENGL320 English Romantic Literature; Grade Method: REG. USP Advanced Studies Development of Knowledge Course. Prerequisite: two college-level literature courses. Credit will be granted for only one of the following: ENGL 320 and ENGL 420 or ENGL 320 and ENGL 421. — 3 credits

0101 MWF.....2:00pm- 2:50pm (TLF 0110) Wang, O
0201 MWF.....1:00pm- 1:50pm (TLF 1102) Wang, O

ENGL348 Literary Works By Women: Houses of Words in the American West; Grade Method: REG/P-F/AUD. — 3 credits

0101 MWF.....10:00am-10:50am (TLF 1101) Rosen, S

ENGL373 (PermReq) Honors Thesis; Grade Method: REG/P-F/AUD. Prerequisite: candidacy for honors in English. — 3 credits

0101 Tu.....3:30pm- 6:00pm (TLF 3113) Auchard, J

ENGL378 (PermReq) Independent Research in English; Grade Method: REG/P-F/AUD. Individual instruction course; contact department or instructor to obtain section number. — 1-6 credits

ENGL379A Special Topics in Literature: Black Autobiography; Grade Method: REG/P-F/AUD. — 3 credits

0101 MWF.....1:00pm- 1:50pm (TLF 1104) Asres, A

ENGL379B Special Topics in Literature: Caribbean Literature in English; Grade Method: REG/AUD. USP Advanced Studies Development of Knowledge Course. — 3 credits

0101 TuTh.....2:00pm- 3:15pm (TLF 1102) Carr, R

ENGL379E Special Topics in Literature: Film Analysis - The Rhetoric of Fictional Worlds; Grade Method: REG. USP Advanced Studies Development of Knowledge Course. Prerequisite: two literature courses. — 3 credits

0101 M.....6:30pm-10:00pm (KEY 0106) Miller, J

ENGL379G Special Topics in Literature: Melodrama and Existential Crisis: Films of Hitchcock; Grade Method: REG. — 3 credits

0101 W.....6:30pm-10:00pm (KEY 0106) Miller, J

ENGL379N Special Topics in Literature: The Literature of Sentiment and Sentimentality; Grade Method: REG. USP Advanced Studies Analysis of Human Problems Course. Prequisite: two literature courses. — 3 credits

0101 TuTh.....9:30am-10:45am (TLF 0103) Morrison, S
0201 TuTh.....11:00am-12:15pm (KEY 0121) Morrison, S

ENGL379W Special Topics in Literature: The Detection Film: Allegories of Perception; Grade Method: REG. — 3 credits

0101 Th.....6:30pm-10:00pm (KEY 0106) Miller, J

ENGL380 (PermReq) Internship; Grade Method: REG. Pre- or corequisite: ENGL 381 or ENGL 382; and permission of department. — 3-6 credits

0101 Time and room to be arranged DiPaolo, T
0201 Time and room to be arranged Morrison, S

ENGL381 (PermReq) MGA Legislative Seminar; Grade Method: REG. Prerequisite: permission of department. — 3 credits

0101 M.....3:30pm- 6:00pm (TLF 2103) Terchek, M

ENGL384 Concepts of Grammar; Grade Method: REG/P-F/AUD. Prerequisite: ENGL 281 or equivalent. — 3 credits

0101 MWF.....1:00pm- 1:50pm (TLF 0101) James, E

ENGL385 English Semantics; Grade Method: REG. USP Advanced Studies Development of Knowledge Course. Prerequisite: two literature courses. — 3 credits

0101 MWF.....10:00am-10:50am (WDS 0104) Miller, M

ENGL391 Advanced Composition; Grade Method: REG. Prerequisite: 56 hours of college credit which must include ENGL 101 or equivalent. Before choosing a regular section of ENGL 391, students should check to see whether they are interested in a special version of this course by reading through those sections identified with a suffix A-Z to see if any apply to them. This course satisfies the junior English requirement. — 3 credits

0001 MWF.....8:00am- 8:50am (ARM 0102) Boss, R
0103 MWF.....9:00am- 9:50am (KEY 0121) STAFF
0104 MWF.....9:00am- 9:50am (ARM 0102) Boss, R
0201 MWF.....10:00am-10:50am (EGR 1124) STAFF
0202 MWF.....10:00am-10:50am (HBK 0115) Winett, M
0203 MWF.....10:00am-10:50am (KEY 0121) Scheltema, M
0204 MWF.....10:00am-10:50am (KEY 0117) Simpson, M
0301 MWF.....11:00am-11:50am (WDS 0104) Simpson, M
0302 MWF.....11:00am-11:50am (EGR 2712) Boss, R
0303 MWF.....11:00am-11:50am (ARM 0102) Scheltema, M
0401 MWF.....12:00pm-12:50pm (WDS 1130) McDonald, G
0403 MWF.....12:00pm-12:50pm (TLF 1104) STAFF
0404 MWF.....12:00pm-12:50pm (ARM 0103) Winett, M
0501 MWF.....1:00pm- 1:50pm (ARM 0103) Simpson, M
0502 MWF.....1:00pm- 1:50pm (WDS 1130) Porosky, P
0801 MWF.....2:00pm- 2:50pm (TLF 0108) Porosky, P
0701 MWF.....3:00pm- 3:50pm (KEY 0124) Porosky, P
1002 TuTh.....8:00am- 9:15am (JMP 2202) Northup, L
1101 TuTh.....9:30am-10:45am (JMZ 2117) Tin Nyo, M
1103 TuTh.....9:30am-10:45am (JMP 2202) Northup, L
1104 TuTh.....9:30am-10:45am (JMZ 0120) Logan, S
1201 TuTh.....11:00am-12:15pm (JMZ 2117) Tin Nyo, M
1202 TuTh.....11:00am-12:15pm (WDS 1131) Inukai, C
1204 TuTh.....11:00am-12:15pm (JMP 2202) Lake, C
1301 TuTh.....12:30pm- 1:45pm (JMZ 3120) Lake, C
1302 TuTh.....12:30pm- 1:45pm (JMZ 1103) Inukai, C
1304 TuTh.....12:30pm- 1:45pm (HBK 1116) McNeilly, D
1401 TuTh.....2:00pm- 3:15pm (JMZ 0122) Inukai, C
1402 TuTh.....2:00pm- 3:15pm (HBK 0117) McNeilly, D
1604 W.....6:00pm- 8:40pm (TLF 1102) Sakles, R

ENGL391X Advanced Composition; Grade Method: REG. Prerequisite: 56 hours of college credit which must include ENGL 101 or equivalent. This course satisfies the junior English requirement. — 3 credits

0201 TuTh.....11:00am-12:15pm (JMZ 0202) Oliver, G

ENGL392 Advanced Composition: Pre-Law; Grade Method: REG. Prerequisite: 56 hours of college credit which must include ENGL 101 or equivalent. This course satisfies the junior English requirement. — 3 credits

0101 MWF.....11:00am-11:50am (WDS 1131) Dangelo, D
0201 MWF.....1:00pm- 1:50pm (KEY 0117) Dangelo, D
0301 TuTh.....12:30pm- 1:45pm (KEY 0121) Northup, L
0401 Tu.....7:00pm- 9:30pm (KEY 0116) Dyer, M

ENGL393 Technical Writing; Grade Method: REG. Prerequisite: 56 hours of college credit which must include ENGL 101 or equivalent. Before choosing a regular section of ENGL 393, students should check to see whether they are interested in a special version of this course by reading through those sections identified with a suffix A-Z to see if any apply to them. This course satisfies the junior English requirement. — 3 credits

0002 MWF.....8:00am- 8:50am (KEY 0123) Perls, S
0101 MWF.....9:00am- 9:50am (EGR 3114) Jones, E
0103 MWF.....9:00am- 9:50am (WDS 1130) Oswald, S
0104 MWF.....9:00am- 9:50am (KEY 0123) Waldman, J
0201 MWF.....10:00am-10:50am (EGR 0102) Eckroad, T
0202 MWF.....10:00am-10:50am (LEF 1222) Perls, S
0203 MWF.....10:00am-10:50am (TLF 0108) Jones, E
0301 MWF.....11:00am-11:50am (KEY 0117) Eckroad, T
0302 MWF.....11:00am-11:50am (EGR 1102) Perls, S
0303 MWF.....11:00am-11:50am (EGR 3102) Oswald, S
0401 MWF.....12:00pm-12:50pm (EGR 1102) Eckroad, T
0402 MWF.....12:00pm-12:50pm (JRN 1103) Fowler, J
0403 MWF.....12:00pm-12:50pm (EGR 3114) Jones, E
0404 MWF.....12:00pm-12:50pm (EGR 3102) Thirolf, M
0501 MWF.....1:00pm- 1:50pm (HBK 1116) Procopiow, N
0502 MWF.....1:00pm- 1:50pm (EGR 3106) Jones, E
0503 MWF.....1:00pm- 1:50pm (JRN 1103) Fowler, J
0601 MWF.....2:00pm- 2:50pm (HBK 1116) Procopiow, N
0602 MWF.....2:00pm- 2:50pm (WDS 1130) Fowler, J
1001 TuTh.....8:00am- 9:15am (HBK 1108) Hendrickson, A
1002 TuTh.....8:00am- 9:15am (TWS 0135) Rosenberg, P
1101 TuTh.....9:30am-10:45am (HBK 0125) Johnson, J
1102 TuTh.....9:30am-10:45am (TWS 0135) McCauley-Evans,
1103 TuTh.....9:30am-10:45am (ARM 0121) Rosenberg, P
1104 TuTh.....9:30am-10:45am (ARM 0101) Proedoehl, L
1105 TuTh.....9:30am-10:45am (JMZ 1109) Ching, E
1201 TuTh.....11:00am-12:15pm (ARM 0121) Schneiderman, B
1202 TuTh.....11:00am-12:15pm (ARM 0102) Proedoehl, L
1203 TuTh.....11:00am-12:15pm (TWS 0135) Johnson, J
1301 TuTh.....12:30pm- 1:45pm (EDU 3236) Ching, E
1302 TuTh.....12:30pm- 1:45pm (ARM 0102) Proedoehl, L
1303 TuTh.....12:30pm- 1:45pm (ARM 0105) McCauley-Evans,
1304 TuTh.....12:30pm- 1:45pm (KEY 0124) Pauli, R
1305 TuTh.....12:30pm- 1:45pm (ARM 0103) Schneiderman, B
1401 TuTh.....2:00pm- 3:15pm (ARC 1127) McCauley-Evans,
1402 TuTh.....2:00pm- 3:15pm (ARM 0105) Pauli, R
1501 TuTh.....3:30pm- 4:45pm (ARC 1103) Novotny, J
1602 Tu.....6:00pm- 8:40pm (TLF 0102) Novotny, J
1603 W.....6:00pm- 8:40pm (TLF 0102) Lowderbaugh, T
1604 Tu.....6:00pm- 8:40pm (TLF 1104) Perry, R
1605 M.....6:00pm- 8:40pm (TLF 0103) Neckere, E
1606 Tu.....6:00pm- 8:40pm (TLF 0110) Wappel, J
1607 W.....6:00pm- 8:40pm (TLF 1103) Roblyer, P
1608 Th.....6:00pm- 8:40pm (TLF 1103) Wappel, J

ENGL393X Technical Writing; Grade Method: REG. Prerequisite: 56 hours of college credit which must include ENGL 101 or equivalent. For students for whom English is a second language. This course satisfies the junior English requirement. — 3 credits

0101 MWF.....11:00am-11:50am (LEF 1210) Waldman, J
0201 MWF.....1:00pm- 1:50pm (JRN 1101) Schneider, M
0301 TuTh.....8:00am- 9:15am (HBK 0125) Ching, E
0302 TuTh.....9:30am-10:45am (JRN 1101) Oliver, G
0401 TuTh.....11:00am-12:15pm (JMZ 3118) Cheong, M
0501 TuTh.....12:30pm- 1:45pm (JMZ 1104) Cheong, M

ENGL394 Business Writing; Grade Method: REG. Prerequisite: 56 hours of college credit which must include ENGL 101 or equivalent. This course satisfies the junior English requirement. — 3 credits

0101 MWF.....9:00am- 9:50am (KEY 0125) Rice, E
0201 MWF.....10:00am-10:50am (KEY 0123) Harris, E
0301 MWF.....11:00am-11:50am (WDS 1127) Rice, E
0401 MWF.....12:00pm-12:50pm (KEY 0123) Harris, E
0501 MWF.....1:00pm- 1:50pm (KEY 0119) Harris, E
0701 TuTh.....9:30am-10:45am (WDS 1130) Doyle, A
0801 TuTh.....11:00am-12:15pm (HBK 1108) Doyle, A
0901 TuTh.....12:30pm- 1:45pm (HBK 1108) Doyle, A
1001 TuTh.....2:00pm- 3:15pm (JMZ 1122) Vogt, K
1201 Tu.....6:00pm- 8:45pm (TLF 1102) Mann, G

ENGL396 (PermReq) Intermediate Fiction Workshop; Grade Method: REG/P-F/AUD. Prerequisite: permission of department. — 3 credits

0101 TuTh.....11:00am-12:15pm (TLF 0108) Salamanca, J
0201 TuTh.....11:00am-12:15pm (KEY 0124) Moomau, G

ENGL397 (PermReq) Intermediate Poetry Workshop; Grade Method: REG/P-F/AUD. Prerequisite: permission of department. — 3 credits

0101 TuTh.....2:00pm- 3:15pm (TLF 0108) Jellema, R

ENGL398A (PermReq) Senior Seminar: Women's Autobiography; Grade Method: REG. — 3 credits

0101 TuTh.....2:00pm- 3:15pm (TLF 2137) Leonardi, S

ENGL398B (PermReq) Senior Seminar: Classical Mythology and English Literature; Grade Method: REG. — 3 credits

0101 Th.....9:30am-12:00pm (TLF 2137) Coogan, R
0201 TuTh.....2:00pm- 3:15pm (ARC 1125) Coogan, R

ENGL398C (PermReq) Senior Seminar: Frost and Hemingway; Grade Method: REG. — 3 credits

0101 TuTh.....2:00pm- 3:15pm (TLF 0135) Wyatt, D

ENGL398D (PermReq) Senior Seminar: The Harlem Renaissance; Grade Method: REG/P-F/AUD. — 3 credits

0101 MW.....9:30am-10:45am (TLF 3100) Subbaraman, S

ENGL398F (PermReq) Senior Seminar: Reading Contemporary Poets by the Book; Grade Method: REG. — 3 credits

0101 TuTh.....11:00am-12:15pm (TLF 0135) Jellema, R

ENGL398G (PermReq) Senior Seminar: Richardson and the Early Woman Writer; Grade Method: REG. — 3 credits

0101 TuTh.....9:30am-10:45am (TLF 0135) McDowell, P

ENGL398Y (PermReq) Senior Seminar: Stoicism and Christianity in William Alexander Percy and Walker Percy; Grade Method: REG. For English honors students. — 3 credits

0101 TuTh.....11:00am-12:15pm (TLF 3100) Lawson, L

ENGL402 Chaucer; Grade Method: REG/P-F/AUD. — 3 credits

0101 MWF.....10:00am-10:50am (TLF 0103) Rutherford, C

ENGL403 Shakespeare; Grade Method: REG/P-F/AUD. — 3 credits

0201 TuTh.....11:00am-12:15pm (TLF 1101) Leinwand, T

ENGL404 Shakespeare; Grade Method: REG/P-F/AUD. — 3 credits

0101 MWF.....11:00am-11:50am (TLF 1101) Olmert, M
0201 MWF.....12:00pm-12:50pm (TLF 1103) Olmert, M

ENGL412 Literature of the Seventeenth Century, 1600-1660; Grade Method: REG/AUD. USP Advanced Studies Development of Knowledge Course. Prerequisite: two literature courses. — 3 credits

0101 TuTh.....12:30pm- 1:45pm (KEY 0125) Hamilton, G
0201 TuTh.....12:30pm- 1:45pm (ASY 3211) Pacheco, A

ENGL414 Milton; Grade Method: REG/P-F/AUD. — 3 credits

0101 MWF.....12:00pm-12:50pm (TLF 2101) Grossman, M

ENGL417 Literature of the Eighteenth Century; Grade Method: REG/P-F/AUD. — 3 credits

0101 MWF.....11:00am-11:50am (TLF 0102) Carretta, V

ENGL418 Major British Writers: Milton and T. S. Eliot; Grade Method: REG/AUD. — 3 credits

0101 TuTh.....2:00pm- 3:15pm (TLF 1103) Freedman, M

ENGL419A Major British Writers: Jane Austen and Toni Morrison; Grade Method: REG/P-F/AUD. — 3 credits

0101 MWF.....11:00am-11:50am (TLF 0103) DiPaolo, T

ENGL422 Literature of the Victorian Period; Grade Method: REG/P-F/AUD. — 3 credits

0101 TuTh.....2:00pm- 3:15pm (TLF 2126) Peterson, W

ENGL430 American Literature, Beginning to 1810, the Colonial and Federal Periods; Grade Method: REG/P-F/AUD. — 3 credits

0101 MWF.....11:00am-11:50am (TLF 2126) Vitzthum, R

ENGL431 American Literature; 1810 to 1865, the American Renaissance; Grade Method: REG/P-F/AUD. — 3 credits

0101 TuTh.....12:30pm- 1:45pm (TLF 2110) STAFF

ENGL432 American Literature, 1865 to 1914, Realism and Naturalism; Grade Method: REG. USP Advanced Studies Development of Knowledge Course. Prerequisite: two literature courses. — 3 credits

0101 MWF.....10:00am-10:50am (KEY 0125) Caramello, C
0201 TuTh.....2:00pm- 3:15pm (TLF 1101) Lawson, L
0301 MWF.....12:00pm-12:50pm (TAR 1122) Clippinger, A
0401 MWF.....1:00pm- 1:50pm (TAR 1124) Burke, J
0501 TuTh.....2:00pm- 3:15pm (JMZ 1215) Carroll, K
0601 TuTh.....3:30pm- 4:45pm (JMZ 1215) Carroll, K
0701 TuTh.....11:00am-12:15pm (TLF 0103) Macys, V
0801 TuTh.....12:30pm- 1:45pm (TLF 0110) Macys, V

ENGL433 American Literature, 1914 to the Present, the Modern Period; Grade Method: REG/P-F/AUD. — 3 credits

0101 MWF.....2:00pm- 2:50pm (TLF 2101) Van Egmond, P

ENGL434 American Drama; Grade Method: REG/P-F/AUD. — 3 credits

0101 MWF.....9:00am- 9:50am (TLF 1102) Schaller, M
0201 TuTh.....12:30pm- 1:45pm (TLF 0103) Bryer, J

ENGL435 American Poetry: Beginning to the Present; Grade Method: REG/P-F/AUD. — 3 credits

0101 MWF.....11:00am-11:50am (TLF 2110) Van Egmond, P

ENGL439B Major American Writers After 1865: Henry James and Gertrude Stein; Grade Method: REG/P-F/AUD. — 3 credits

0101 MWF.....11:00am-11:50am (KEY 0120) Caramello, C

ENGL439C Major American Writers After 1865: Hurston, Walker and Morrison; Grade Method: REG/P-F/AUD. — 3 credits

0101 TuTh.....12:30pm- 1:45pm (KEY 0123) Washington, M

ENGL440 The Novel in America to 1910; Grade Method: REG/AUD. USP Advanced Studies Development of Knowledge Course. — 3 credits

0101 MWF.....11:00am-11:50am (TLF 2103) Schaller, M

ENGL445 Modern British and American Poetry; Grade Method: REG/P-F/AUD. Prerequisite: permission of department required for students with credit in ENGL 345. — 3 credits

0101 TuTh.....9:30am-10:45am (TLF 1101) Loizeaux, E

ENGL452 English Drama From 1660 to 1800; Grade Method: REG/P-F/AUD. — 3 credits

0101 TuTh.....12:30pm- 1:45pm (TLF 2126) Winton, C

ENGL453 Literary Criticism; Grade Method: REG. USP Advanced Studies Development of Knowledge Course. Prerequisite: two literature courses. Prerequisite: two literature courses. — 3 credits

0101 TuTh.....9:30am-10:45am (TLF 1102) Ray, S
0201 TuTh.....12:30pm- 1:45pm (TLF 1104) Trousdale, M

ENGL454 Modern Drama; Grade Method: REG/P-F/AUD. — 3 credits

0101 TuTh.....4:00pm- 5:15pm (KEY 0125) Freedman, M

ENGL455 The English Novel; Grade Method: REG/P-F/AUD. — 3 credits

0101 MWF.....1:00pm- 1:50pm (TLF 1101) Carretta, V

ENGL457 The Modern Novel; Grade Method: REG/P-F/AUD. — 3 credits

0101 MWF.....1:00pm- 1:50pm (KEY 0121) Kleine, D

ENGL462 Folksong and Ballad; Grade Method: REG/P-F/AUD. USP Distributive Studies Area C Course. — 3 credits

0101 MWF.....11:00am-11:50am (TLF 1102) Pearson, B

ENGL466 Arthurian Legend; Grade Method: REG/P-F/AUD. — 3 credits

0101 MWF.....1:00pm- 1:50pm (TLF 2110) Birdsall, E
9201 MWF.....2:00pm- 2:50pm (TLF 1102) Herman, H

ENGL469 (PermReq) Alternative Traditions: Diversity in Oneness: the Making of African American Communities; Grade Method: REG. — 4 credits

0101 MWF.....11:00am-12:30pm (TLF 0135) Peterson, C

ENGL477 Studies in Mythmaking; Grade Method: REG. USP Advanced Studies Development of Knowledge Course. Prerequisite: two literature courses. Prerequisite: two literature courses. — 3 credits

0101 TuTh.....12:30pm- 1:45pm (TLF 2101) Flieger, V

ENGL479B Selected Topics in English and American — 3 credits

Literature After 1800: Fiction into Film; Grade Method: REG/P-F/AUD.
0101 Tu.....1:00pm- 4:00pm (JMZ 0103) Isaacs, N

ENGL479R Selected Topics in English and American Literature After 1800: Readers, Writers, and Rhetorics; Grade Method: REG/AUD. USP Advanced Studies Development of Knowledge Course. 3 credits
0101 TuTh.....9:30am-10:45am (KEY 0117) Grant-Davie, K

ENGL488A Topics in Advanced Writing: Technical Report Writing; Grade Method: REG/P-F/AUD. 3 credits
0101 Tu.....6:00pm- 8:40pm (TLF 0108) Roblyer, P

ENGL489A Special Topics in English Language: The Language of Advertising; Grade Method: REG. USP Advanced Studies Development of Knowledge Course. Prerequisite: two literature courses. 3 credits
0101 MWF.....9:00am- 9:50am (TLF 2101) James, E
0201 MWF.....10:00am-10:50am (TLF 1104) James, E

ENGL489C Special Topics in English Language: The Language of the Law; Grade Method: REG. USP Advanced Studies Development of Knowledge Course. 3 credits
0101 MWF.....9:00am- 9:50am (TLF 0102) Miller, M

ENGL494 Editing and Document Design; Grade Method: REG. Prerequisite: ENGL 391, ENGL 393 or equivalent. For ENGL majors only. 3 credits
0101 TuTh.....11:00am-12:15pm (KEY 0120) Hendrickson, A
0201 TuTh.....9:30am-10:45am (KEY 0120) Hendrickson, A

ENGL498 (PermReq) Advanced Fiction Workshop: Advanced Fiction Workshop; Grade Method: REG/P-F/AUD. 3 credits
0101 Tu.....3:30pm- 6:00pm (TLF 3100) Kornblatt, J

ENGL499 (PermReq) Advanced Poetry Writing Workshop: Advanced Poetry Workshop; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....2:00pm- 3:15pm (TLF 0102) Levin, P

ENGL601 Literary Research and Critical Contexts; Grade Method: REG/AUD. 3 credits
0101 M.....6:30pm- 9:00pm (TLF 2137) Wang, O
0201 W.....1:00pm- 3:30pm (TLF 0135) Kauffman, L
0301 Th.....6:30pm- 9:00pm (TLF 2137) Leonardi, S
0401 Tu.....6:30pm- 9:00pm (TLF 0135) Auerbach, J
0601 W.....5:00pm- 7:30pm (TLF 0103) Turner, M

ENGL611 (PermReq) Approaches to College Composition; Grade Method: REG/AUD. Required for graduate assistants (optional to other graduate students). 3 credits
0101 M.....3:30pm- 6:00pm (TLF 2137) Schilb, J
0201 M.....3:30pm- 6:00pm (KEY 0119) Shapiro, N

ENGL612 Approaches to Professional and Technical Writing; Grade Method: REG/AUD. 3 credits
0101 Th.....6:30pm- 9:00pm (TLF 0108) Marcuse, M

ENGL620 Readings in Medieval English Literature; Grade Method: REG/AUD. 3 credits
0101 Tu.....3:30pm- 6:00pm (TLF 0135) Coletti, T

ENGL622 Readings in Seventeenth-Century English Literature; Grade Method: REG/AUD. 3 credits
0101 W.....6:30pm- 9:00pm (TLF 1104) Grossman, M

ENGL625 Readings in English Victorian Literature; Grade Method: REG/AUD. 3 credits
0101 M.....6:30pm- 9:00pm (TLF 0102) Cate, G

ENGL627 Readings in American Literature, 1865-1914; Grade Method: REG/AUD. 3 credits
0101 W.....6:30pm- 9:00pm (TLF 0108) Auchard, J

ENGL630 Readings in 20th Century English Literature; Grade Method: REG/AUD. 3 credits
0101 M.....3:30pm- 6:00pm (TLF 0135) Kleine, D

ENGL666 Readings in Modern Literary Theory; Grade Method: REG/AUD. Formerly ENGL 757. 3 credits
0101 M.....1:00pm- 3:30pm (TLF 0135) Caramello, C

ENGL688 (PermReq) Poetry Workshop; Grade Method: REG/AUD. Course is team taught by P. Levin and S. Plumly. 3 credits
0101 W.....5:00pm- 7:30pm (TLF 0110) STAFF

ENGL689 (PermReq) Fiction Workshop; Grade Method: REG/AUD. Course is team taught by J. Kornblatt and J. Salamanca. 3 credits
0101 W.....5:00pm- 7:30pm (TLF 2137) STAFF

ENGL699 (PermReq) Independent Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

ENGL719A (PermReq) Seminar in Renaissance Literature: Tudor Drama; Grade Method: REG/AUD. 3 credits
0101 W.....6:30pm- 9:00pm (KEY 0120) Cartwright, K

ENGL719B (PermReq) Seminar in Renaissance Literature: Feminist Shakespeare; Grade Method: REG/AUD. 3 credits
0101 Tu.....3:30pm- 6:00pm (TLF 2137) Leinwand, T

ENGL729 (PermReq) Seminar in Eighteenth-Century Literature: Research in the English Stage and Drama, 1660-1800; Grade Method: REG/AUD. 3 credits
0101 Th.....6:30pm- 9:00pm (TLF 3100) Winton, C

ENGL738 (PermReq) Seminar in Nineteenth-Century Literature: Jane Austen; Grade Method: REG/AUD. 3 credits
0101 F.....1:00pm- 3:30pm (TLF 3100) Lanser, S

ENGL748A (PermReq) Seminar in American Literature: African-American Autobiography; Grade Method: REG/AUD. 3 credits
0101 M.....6:30pm- 9:00pm (TLF 0135) Fry, G

ENGL748B (PermReq) Seminar in American Literature: The Discourse of American Romance; Grade Method: REG/AUD. 3 credits
0101 Th.....12:30pm- 3:00pm (TLF 3100) Levine, R

ENGL758A (PermReq) Literary Criticism and Theory: The Bible and Contemporary Literary Theory; Grade Method: REG/AUD. Taught by Susan Handelman, Distinguished Scholar Teacher. 3 credits
0101 M.....3:30pm- 6:00pm (TLF 3100) Handelman, S

ENGL758B (PermReq) Literary Criticism and Theory: Hermeneutics of the Image; Grade Method: REG/AUD. 3 credits
0101 M.....2:00pm- 4:00pm (JMZ 4223) Heyndels, R
Time and room to be arranged DIS

ENGL775 (PermReq) Seminar in Composition Theory; Grade Method: REG/AUD. 3 credits
0101 W.....5:00pm- 7:30pm (KEY 0124) Fahnestock, J

ENGL788 (PermReq) Form and Theory of Poetry; Grade Method: REG/AUD. 3 credits
0101 Th.....3:30pm- 6:00pm (TLF 0135) Plumly, S

ENGL799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ENGL819B (PermReq) Seminar in Themes and Types in English Literature: Myth, Theme, and Theory; Grade Method: REG/AUD. 3 credits
0101 Th.....3:30pm- 6:00pm (TLF 3100) Flieger, V

ENGL819C (PermReq) Seminar in Themes and Types in English Literature: Conrad, Woolf, Lawrence, and Forster; Grade Method: REG/AUD. 3 credits
0101 M.....6:30pm- 9:00pm (TLF 3100) Panichas, G

ENGL829A (PermReq) Seminar in Themes and Types in American Literature: Modernism; Grade Method: REG/AUD. 3 credits
0101 Tu.....6:30pm- 9:00pm (TLF 3100) Holton, M

ENGL899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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ENMA Engineering, Materials (Engineering)

ENMA301 Materials Engineering Laboratory; Grade Method: REG. Pre- or corequisite: ENMA 300. Credit will be granted for only one of the following: ENMA 301 or ENME 301. 1 credit
0101 Time and room to be arranged LAB Wuttig, M

ENMA462 (PermReq) Deformation of Engineering Materials; Grade Method: REG/P-F/AUD. Prerequisite: ENES 230 or permission of both department and instructor. 3 credits
0101 MW.....1:00pm- 2:15pm (CHE 2118) Ankem, S

ENMA463 Chemical, Liquid and Powder Processing of Engineering Materials; Grade Method: REG/P-F/AUD. Prerequisite: ENMA 470 or permission of both department and instructor. 3 credits
0101 MW.....5:00pm- 6:30pm (CHE 2120) Lloyd, I

ENMA470 (PermReq) Structure and Properties of Engineering Materials; Grade Method: REG/P-F/AUD. Instructors are R. Arsenault and I. Lloyd. 3 credits
0101 MW.....3:30pm- 4:45pm (CHE 2120) Arsenault, R

ENMA650 (PermReq) Structure of Engineering Materials; Grade Method: REG/AUD. Prerequisite: ENMA 470 or equivalent. 3 credits
0101 TuTh.....3:30pm- 5:00pm (CHE 2120) Salamanca-Riba,

ENMA660 (PermReq) Chemical Physics of Engineering Materials; Grade Method: REG/AUD. Prerequisite: ENMA 650. 3 credits
0101 TuTh.....5:15pm- 6:45pm (CHE 2140) Roytburd, O

ENMA672 Mechanical Properties of Engineering Materials; Grade Method: REG/AUD. Prerequisite: ENMA 671. 3 credits
0101 Time and room to be arranged Arsenault, R

ENMA681 Diffraction Techniques in Materials Science; Grade Method: REG/AUD. Prerequisite: ENCH 620. 3 credits
0101 TuTh.....7:30pm- 8:45pm (CHE 2136) Wuttig, M

ENMA691 Special Topics in Engineering Materials; Grade Method: REG/AUD. Prerequisite: permission of both department and instructor. 3 credits
0101 MW.....5:00pm- 6:30pm (CHE 2120) Lloyd, I

ENMA697 Seminar in Engineering Materials; Grade Method: REG/AUD. 1 credit
0101 Time and room to be arranged STAFF

ENMA698 (PermReq) Special Problems in Engineering Materials; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-18 credits

ENMA799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ENMA899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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ENME Engineering, Mechanical (Engineering)

ENME201 (PermReq) Mechanical Engineering Project; Grade Method: S-F. 1 credit
0101 M.....12:00pm-12:50pm (EGR 1106) STAFF
Time and room to be arranged LAB
0201 M.....12:00pm-12:50pm (EGR 3106) STAFF
Time and room to be arranged LAB

ENME205 (PermReq) Engineering Analysis and Computer Programming; Grade Method: REG/P-F/AUD. Pre- or corequisite: MATH 241. 3 credits
0101 MW.....9:00am- 9:50am (EGR 1202) STAFF
W.....1:00pm- 3:00pm (EGR 3110) DIS
0102 MW.....9:00am- 9:50am (EGR 1202) STAFF
Tu.....11:00am- 1:00pm (EGR 1120) DIS
0103 MW.....9:00am- 9:50am (EGR 1202) STAFF
Th.....11:00am- 1:00pm (EGR 1108) DIS

ENME217 (PermReq) Thermodynamics; Grade Method: REG/P-F/AUD. Prerequisites: PHYS 262; and MATH 141. 3 credits
0101 MW.....10:00am-10:50am (EGR 1202) STAFF
M.....1:00pm- 3:00pm (EGR 3108) DIS
0102 MW.....10:00am-10:50am (EGR 1202) STAFF
Tu.....11:00am- 1:00pm (EGR 1108) DIS
0103 MW.....10:00am-10:50am (EGR 1202) STAFF
Tu.....1:00pm- 3:00pm (EGR 3110) DIS
0104 MW.....10:00am-10:50am (EGR 1202) STAFF
W.....1:00pm- 3:00pm (EGR 3108) DIS
0105 MW.....10:00am-10:50am (EGR 1202) STAFF
Th.....11:00am- 1:00pm (EGR 2112) DIS

ENME310 (PermReq) Mechanics of Deformable Solids; Grade Method: REG/P-F/AUD. Prerequisite: ENES 220. 3 credits
0101 MWF.....9:00am- 9:50am (EGR 1108) STAFF
0201 MWF.....10:00am-10:50am (EGR 2154) STAFF
0301 MWF.....11:00am-11:50am (EGR 0110) STAFF

ENME311 (PermReq) Mechanics of Deformable Solids Laboratory; Grade Method: REG/P-F/AUD. Corequisite: ENME 310. 1 credit
0101 W.....12:00pm-12:50pm (CHE 2108) STAFF
M.....1:00pm- 3:00pm (EGR 0126) LAB
0102 W.....12:00pm-12:50pm (CHE 2108) STAFF
Tu.....1:00pm- 3:00pm (EGR 0126) LAB
0103 W.....12:00pm-12:50pm (CHE 2108) STAFF
W.....1:00pm- 3:00pm (EGR 0126) LAB
0104 W.....12:00pm-12:50pm (CHE 2108) STAFF
Th.....1:00pm- 3:00pm (EGR 0126) LAB
0105 W.....12:00pm-12:50pm (CHE 2108) STAFF
F.....1:00pm- 3:00pm (EGR 0126) LAB

ENME315 (PermReq) Intermediate Thermodynamics; Grade Method: REG/P-F/AUD. Prerequisite: ENME 217. 3 credits
0101 MWF.....9:00am- 9:50am (EGR 0110) STAFF
0201 MWF.....10:00am-10:50am (EGR 1108) STAFF
0301 MWF.....11:00am-11:50am (EGR 1104) STAFF

ENME320 (PermReq) Thermodynamics; Grade Method: REG/P-F/AUD. Prerequisites: MATH 141; and PHYS 262. 3 credits
0101 MWF.....9:00am- 9:50am (EGR 0108) STAFF
0201 MWF.....10:00am-10:50am (EGR 3110) STAFF

ENME321 (PermReq) Transfer Processes; Grade Method: REG/P-F/AUD. Prerequisite: ENME 342. 3 credits
0101 TuTh.....9:30am-10:45am (EGR 3106) STAFF
0201 MWF.....10:00am-10:50am (EGR 1120) STAFF
0301 MWF.....11:00am-11:50am (EGR 3110) STAFF

ENME342 (PermReq) Fluid Mechanics I; Grade Method: REG/P-F/AUD. Prerequisite: ENME 217. 3 credits
0101 TuTh.....9:30am-10:45am (EGR 3110) STAFF
0201 TuTh.....9:30am-10:45am (EGR 1104) STAFF
0301 TuTh.....11:00am-12:15pm (EGR 2154) STAFF

ENME343 (PermReq) Fluid Mechanics Laboratory; Grade Method: REG/P-F/AUD. Corequisite: ENME 342. 1 credit
0101 M.....12:00pm-12:50pm (EGR 1202) STAFF
M.....1:00pm- 3:00pm (EGL B0110) LAB
0102 M.....12:00pm-12:50pm (EGR 1202) STAFF
Tu.....1:00pm- 3:00pm (EGL B0110) LAB
0103 M.....12:00pm-12:50pm (EGR 1202) STAFF
W.....1:00pm- 3:00pm (EGL B0110) LAB
0104 M.....12:00pm-12:50pm (EGR 1202) STAFF
F.....1:00pm- 3:00pm (EGL B0110) LAB

ENME360 (PermReq) Dynamics of Machinery; Grade Method: REG/P-F/AUD. Prerequisites: ENES 220; and ENES 221; and MATH 246. 3 credits
0101 TuTh.....9:30am-10:45am (CHM 0128) STAFF
0201 TuTh.....9:30am-10:45am (EGR 1106) STAFF
0301 TuTh.....11:00am-12:15pm (EGR 1104) STAFF

ENME381 (PermReq) Measurements Laboratory; Grade Method: REG/P-F/AUD. Prerequisites: ENME 360; and ENEE 300. 3 credits
0101 TuTh.....11:00am-11:50am (EGR 1202) STAFF
M.....12:30pm- 3:30pm (EGL 1187) LAB
0102 TuTh.....11:00am-11:50am (EGR 1202) STAFF
Tu.....12:30pm- 3:30pm (EGL 1187) LAB
0103 TuTh.....11:00am-11:50am (EGR 1202) STAFF
W.....12:30pm- 3:30pm (EGL 1187) LAB
0104 TuTh.....11:00am-11:50am (EGR 1202) STAFF
Th.....12:30pm- 3:30pm (EGL 1187) LAB
0105 TuTh.....11:00am-11:50am (EGR 1202) STAFF
F.....12:30pm- 3:30pm (EGL 1187) LAB

ENME400 (PermReq) Machine Design; Grade Method: REG/P-F/AUD. Prerequisites: ENME 310; and ENME 360. Corequisite: ENME 401. 3 credits
0101 TuTh.....8:00am- 9:15am (EGR 1104) STAFF
0201 TuTh.....8:00am- 9:15am (EGR 1106) STAFF

ENME401 (PermReq) The Structure and Properties of Engineering Materials; Grade Method: REG/P-F/AUD. Corequisite: ENME 310. 3 credits
0101 MWF.....10:00am-10:50am (EGR 1104) STAFF
0201 MWF.....11:00am-11:50am (CHM 0122) STAFF

ENME403 (PermReq) Automatic Controls; Grade Method: REG/P-F/AUD. Prerequisites: ENEE 300; and ENME 360. Senior standing. 3 credits
0101 MWF.....9:00am- 9:50am (EGR 2154) STAFF
0201 MWF.....10:00am-10:50am (EGR 0110) STAFF

ENME404 (PermReq) Mechanical Engineering Systems Design; Grade Method: REG/P-F/AUD. Prerequisites: ENME 400 or ENME 405; and senior standing in mechanical engineering. Limited to December graduates. 4 credits
0101 TuTh.....11:00am-11:50am (CHE 2108) STAFF
TuTh.....12:30pm- 3:30pm (CHE 2108) DIS

ENME405 (PermReq) Energy Conversion Design; Grade Method: REG/P-F/AUD. Prerequisite: senior standing in mechanical engineering. 3 credits
0101 TuTh.....9:30am-10:45am (EGR 2154) STAFF
0201 MWF.....11:00am-11:50am (EGR 2154) STAFF

ENME408 (PermReq) Selected Topics in Engineering Design; Grade Method: REG/P-F/AUD. 3 credits
0101 MW.....3:30pm- 4:45pm (EGR 1104) STAFF

ENME414 (PermReq) Computer-Aided Design; Grade Method: REG/P-F/AUD. Prerequisites: ENME 205; and MATH 241 or equivalent. Design technical elective. Permission of instructor required. 3 credits
0101 MWF.....10:00am-10:50am (EGR 1102) STAFF

ENME423 (PermReq) Environmental Engineering; Grade Method: REG/P-F/AUD. Prerequisites: ENME 321 and senior standing in mechanical engineering. 3 credits
0101 TuTh.....9:30am-10:45am (EGR 1126) STAFF

ENME425 (PermReq) Internal Combustion Engines; Grade Method: REG/P-F/AUD. Prerequisites: ENME 315; and ENME 321. 3 credits
0101 TuTh.....8:00am- 9:15am (EGR 2154) STAFF

ENME473 (PermReq) Mechanical Design of Electronic Systems; Grade Method: REG/P-F/AUD. Prerequisites: ENME 310; and ENME 360; and ENME 321. 3 credits
0101 MWF.....9:00am- 9:50am (EGR 3110) STAFF

ENME475 (PermReq) Robotics; Grade Method: REG/P-F/AUD. Prerequisites: ENME 380; and ENEE 300. Design technical elective. 3 credits
0101 TuTh.....3:30pm- 4:45pm (EGR 3110) STAFF

ENME480 (PermReq) Engineering Experimentation; Grade Method: REG/P-F/AUD. Senior standing in mechanical engineering. Limited to December graduates. 3 credits
0101 F.....1:00pm- 1:50pm (EGR 1202) STAFF
MW.....1:00pm- 3:30pm (EGR 1202) LAB

ENME488 (PermReq) Special Problems; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Limited to mechanical engineering seniors. 3 credits

ENME489 (PermReq) Special Topics in Mechanical Engineering; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 3 credits

ENME605 Advanced Systems Control; Grade Method: REG/AUD. Prerequisite: an undergraduate course in control systems theory. 3 credits
0101 TuTh.....3:30pm- 4:45pm (ITV 1111) STAFF

ENME610 Systems Optimization; Grade Method: REG/AUD. 3 credits
0101 MW.....5:00pm- 6:15pm (EGR 2154) STAFF

ENME614 Advanced Production Control Techniques; Grade Method: REG/AUD. 3 credits
0101 MW.....6:30pm- 7:45pm (EGR 2154) STAFF

ENME631 Advanced Conduction and Radiation Heat Transfer; Grade Method: REG/AUD. Prerequisites: [ENME 315; and ENME 321; and ENME 700 or equivalent] or permission of instructor. 3 credits
0101 MW.....3:30pm- 4:45pm (ITV 1111) STAFF

ENME633 Advanced Classical Thermodynamics; Grade Method: REG/AUD. Prerequisites: ENME 315, or equivalent or permission of instructor. 3 credits
0101 MW.....5:00pm- 6:15pm (ITV 1111) STAFF

ENME648 Advanced Topics in Thermal Sciences; Grade Method: REG/AUD. 3 credits
0101 TuTh.....5:00pm- 6:15pm (EGR 2154) STAFF

ENME651 Fundamentals of Fluid Mechanics I; Grade Method: REG/AUD. Prerequisite: ENME 700 or equivalent or permission of instructor. 3 credits
0101 TuTh.....3:30pm- 4:45pm (EGR 2107) STAFF

ENME658 Current Topics in Fluid Dynamics: Hydro Dynamic Instability; Grade Method: REG/AUD. 3 credits
0101 TuTh.....6:30pm- 7:45pm (EGR 1126) STAFF

ENME677 Applied Elasticity; Grade Method: REG/AUD. Prerequisite: MATH 462 or equivalent. 3 credits
0101 TuTh.....5:00pm- 6:15pm (EGR 2112) STAFF

ENME700 Advanced Mechanical Engineering Analysis I; Grade Method: REG/AUD. 3 credits
0101 MW.....6:30pm- 7:45pm (ITV 1111) STAFF

ENME788 Seminar: Mechanical Engineering Seminar; Grade Method: REG/AUD. 1 credit
0101 Time and room to be arranged STAFF

ENME799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

ENME808 (PermReq) Advanced Topics in Mechanical Engineering; Grade Method: REG/AUD. 3 credits
0101 Time and room to be arranged STAFF

ENME808B Advanced Topics in Mechanical Engineering: Physics of Turbulence; Grade Method: REG/AUD. 3 credits
0101 TuTh.....5:00pm- 6:15pm (EGR 0104) STAFF

ENME808I Advanced Topics in Mechanical Engineering: Energy Methods in Mechanics; Grade Method: REG/AUD. 3 credits
0101 MW.....3:30pm- 4:45pm (EGR 3102) STAFF

ENME808M Advanced Topics in Mechanical Engineering: Design for Manufacture; Grade Method: REG/AUD. 3 credits
0101 MW.....3:30pm- 4:45pm (EGR 0110) STAFF

ENME808N Advanced Topics in Mechanical Engineering: Numerical Methods in Heat Transfer; Grade Method: REG/AUD. 3 credits
0101 MW.....6:30pm- 7:45pm (EGR 2107) STAFF

ENME808O Advanced Topics in Mechanical Engineering: Modal Analysis; Grade Method: REG/AUD. 3 credits
0101 TuTh.....6:30pm- 7:45pm (EGR 2112) STAFF

ENME808Z Advanced Topics in Mechanical Engineering: Manufacturing with Polymers; Grade Method: REG/AUD. 3 credits
0101 TuTh.....5:00pm- 6:15pm (EGR 3114) STAFF

ENME899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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ENNU Engineering, Nuclear (Engineering)

ENNU310 (PermReq) Environmental Aspects of Nuclear Engineering; Grade Method: REG/P-F/AUD. Prerequisites: [MATH 241 or MATH 246; and PHYS 263] or permission of both department and instructor. 3 credits
0101 TuTh.....9:30am-10:45am (CHE 2108) Duffey, D

ENNU398 (PermReq) Field Work; Grade Method: REG/P-F/AUD. 1-3 credits
0101 Time and room to be arranged STAFF

ENNU399 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD. 1-3 credits
0101 Time and room to be arranged STAFF

ENNU398 (PermReq) Honors Research Project; Grade Method: REG/P-F. 1-3 credits
0101 Time and room to be arranged STAFF

ENNU430 (PermReq) Radioisotope Power Sources; Grade Method: REG/P-F/AUD. Prerequisite: ENNU 215 or permission of both department and instructor. 3 credits
0101 M.....6:45pm- 9:15pm (CHE 2118) Duffey, D

ENNU440 (PermReq) Nuclear Technology Laboratory; Grade Method: REG/P-F/AUD. Prerequisites: MATH 240; and PHYS 263. 3 credits
0101 Tu.....1:00pm- 3:00pm (CHE 2140) Chappas, W
Th.....1:00pm- 5:00pm (CHE 1308) LAB
Th.....1:00pm- 5:00pm (CHE 2302) DIS

ENNU450 (PermReq) Nuclear Reactor Engineering I; Grade Method: REG/P-F/AUD. Prerequisites: [MATH 246; and PHYS 263] or permission of both department and instructor. 3 credits
0101 TuTh.....5:00pm- 6:15pm (CHE 2145) Lee, R

ENNU461 (PermReq) Chemical Separation in the Nuclear Cycle Reactor Fuel; Grade Method: REG/P-F/AUD. Prerequisite: ENNU 450 or permission of both department and instructor. 3 credits
0101 MWF.....10:00am-10:50am (CHE 2140) Duffey, D

ENNU468 (PermReq) Research; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 2-3 credits

ENNU480 (PermReq) Reactor Core Design; Grade Method: REG/P-F/AUD. Prerequisite: ENNU 450 or permission of both department and instructor. 3 credits
0101 MW.....4:45pm- 6:00pm (CHE 2140) Almenas, K

ENNU609 (PermReq) Seminar in Nuclear Engineering; Grade Method: REG/AUD. 1 credit
0101 Tu.....11:00am-11:50am (CHE 2145) Mosleh, A

ENNU620 (PermReq) Methods of Engineering Analysis; Grade Method: REG/AUD. 3 credits
0101 MW.....5:15pm- 6:30pm (ITV 1100) Ross, D

ENNU640 (PermReq) Nuclear Reactor Physics II; Grade Method: REG/AUD. Prerequisite: ENCH 320. 3 credits
0101 TuTh.....5:00pm- 6:15pm (CHE 2118) Modarres, M

ENNU648 Special Problems in Nuclear Engineering; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-18 credits

ENNU671 Nuclear Reactor Laboratory; Grade Method: REG/AUD. Prerequisite: permission of both department and instructor. 3 credits
0101 Time and room to be arranged Ebert, D

ENNU720 (PermReq) Neutral Particle Transport Theory; Grade Method: REG/AUD. Prerequisite: ENNU 630 or permission of both department and instructor. 3 credits
0101 Time and room to be arranged Pertmer, G

ENNU730 (PermReq) Radiation Shielding and Energy Deposition; Grade Method: REG/AUD. Prerequisite: ENNU 3 credits

630 or permission of both department and instructor.
0101 Time and room to be arranged — Almenas, K

ENNU799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ENNU840 (PermReq) Nuclear Reactor Design; Grade Method: REG/AUD. Prerequisite: ENNU 630 or permission of both department and instructor. — 3 credits
0101 MW.....12:00pm- 1:15pm (CHE 2120) — Massoud, M

ENNU899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

ENRE Reliability Engineering (Engineering)

ENRE462 (PermReq) Basic Reliability Engineering; Grade Method: REG/P-F/AUD. — 3 credits
0101 M.....6:45pm- 9:15pm (ITV 1100) — Jones, H

ENRE470 (PermReq) Basic Reliability Analysis; Grade Method: REG/P-F/AUD. — 3 credits
0101 W.....6:45pm- 9:15pm (ITV 1100) — Modarres, M

ENRE620 (PermReq) Methods of Engineering Analysis; Grade Method: REG/AUD. — 3 credits
0101 MW.....5:15pm- 6:30pm (ITV 1100) — Ross, D

ENRE648 (PermReq) Special Problems in Reliability Engineering; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ENRE648R (PermReq) Special Problems in Reliability Engineering: Ensuring Software Reliability and Integrity; Grade Method: REG/AUD. — 3 credits
0101 Th.....6:30pm- 9:00pm (ITV 1111) — Leone, A

ENRE674 (PermReq) Failure Mechanisms and Effects Laboratory; Grade Method: REG/AUD. — 3 credits
0101 Tu.....6:30pm- 9:00pm (CHE 2120) — Weiss, D

ENRE734 Human Reliability Analysis; Grade Method: REG/AUD. Credit will be granted for only one of the following: ENRE 734 or ENSE 606. — 3 credits
0101 W.....6:30pm- 9:10pm (AVW 2168) — STAFF

ENRE799 (PermReq) Master's Thesis Research; Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ENRE899 (PermReq) Doctoral Dissertation Research; Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

ENSE Systems Engineering (Engineering)

ENSE601 Systems Acquisition Management; Grade Method: REG/AUD. — 3 credits
0101 Tu.....6:30pm- 9:10pm (AVW 2168) — Maraist Jr., W

ENSE603 Systems Engineering Principles; Grade Method: REG/AUD. — 3 credits
0101 M.....6:30pm- 9:10pm (AVW 2168) — Asbjornsen, O

ENSE608 Human Factors; Grade Method: REG. Prerequisite: CMSC 434 or equivalent, or permission of instructor. — 3 credits
0101 W.....6:30pm- 9:10pm (AVW 2168) — STAFF

ENSE799 Master's Thesis Research: Master's Thesis Credit (Systems Engineering Project); Grade Method: REG/S-F. — 1-6 credits
0101 Time and room to be arranged — Asbjornsen, O

ENTM Entomology (Life Sciences)

ENTM100 Insects; Grade Method: REG/P-F/AUD. CORE Distributive Studies Life Science Course. USP Distributive Studies Area B Course. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (SYM 0200) — Hellman, J

ENTM111 Beekeeping; Grade Method: REG/P-F/AUD. — 2 credits
0101 TuTh.....11:00am-11:50am (SYM 1308) — Hellman, J

ENTM205 Principles of Entomology; Grade Method: REG/P-F/AUD. CORE Distributive Studies Life Science Laboratory Course. USP Distributive Studies Area B Course. — 4 credits
0101 MWF.....12:00pm-12:50pm (SYM 0200) — Messersmith, D
W.....2:00pm- 4:00pm (SYM 2303) LAB

ENTM303 International Pesticide Problems and Solutions; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. — 3 credits
0101 MWF.....9:00am- 9:50am (SYM 0200) — Bottrell, D

ENTM398 General Colloquium in Entomology; Grade Method: REG/P-F/AUD. — 1 credit
0101 M.....4:00pm- 4:50pm (SYM 0200) — Barbosa, P

ENTM399 (PermReq) Special Problems; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-2 credits

ENTM424 Insect Diversity and Classification; Grade Method: REG/P-F/AUD. Prerequisites: ENTM 205; and ENTM 423. — 4 credits
0101 TuTh.....1:00pm- 4:00pm (SYM 2303) — Messersmith, D

ENTM453 Insect Pests of Ornamentals and Turf; Grade Method: REG/P-F/AUD. Prerequisite: ENTM 205 or permission of department. Prerequisite: ENTM 204 or approval of instructor. — 3 credits
0101 TuTh.....1:00pm- 1:50pm (SYM 1308) — Davidson, J
Tu.....2:00pm- 5:00pm (SYM 2300) LAB

ENTM611 Biological Suppression of Plant Pests; Grade Method: REG/AUD. Prerequisite: permission of department. — 3 credits
0101 MWF.....10:00am-10:50am (SYM 1308) — Barbosa, P

ENTM822 Principles of Systematic Entomology; Grade Method: REG/AUD. Prerequisite: ENTM 421. — 3 credits
0101 TuTh.....5:00pm- 6:15pm (SYM 2300) — Mitter, C

ENTM699 (PermReq) Advanced Entomology; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ENTM723 Taxonomy of Larval Insects; Grade Method: REG/AUD. Prerequisite: ENTM 421 or permission of department. — 2 credits
0101 Time and room to be arranged — Raupp, M

ENTM788 Entomological Topics: Scientific Illustrations; Grade Method: REG/AUD. — 2 credits
0101 TuTh.....4:00pm- 6:00pm (SYM 1308) — Teramura, K

ENTM788A Entomological Topics: Biocontrol Laboratory; Grade Method: REG/AUD. — 1-3 credits
0101 F.....2:00pm- 4:00pm (SYM 2300) LAB — Barbosa, P

ENTM789 Field Experience in Pest Management; Grade Method: REG/AUD. — 1-6 credits
0101 Time and room to be arranged — Dively II, G
0201 Time and room to be arranged — Harrison, F

ENTM798A Topic Seminar: Seminar in Biosystematics and Morphology; Grade Method: REG/AUD. — 1 credit
0101 Time and room to be arranged — Mitter, C

ENTM798D Topic Seminar: Insect Pest Management; Grade Method: REG/AUD. — 1 credit
0101 Time and room to be arranged — Bottrell, D

ENTM798F Topic Seminar: Acarology; Grade Method: REG/AUD. — 1 credit
0101 Time and room to be arranged — Davidson, J

ENTM799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ENTM899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

FDSC Food Science (Agriculture)

The following courses may involve the use of animals. Students who are concerned about the use of animals in teaching have the responsibility to contact the instructor, prior to course enrollment, to determine whether animals are to be used in the course, whether class exercises involving animals are optional or required and what alternatives, if any, are available.

FDSC111 Contemporary Food Industry and Consumerism; Grade Method: REG/P-F/AUD. — 3 credits
0101 MWF.....9:00am- 9:50am (HZF 1102) — Westhoff, D

FDSC386 (PermReq) Field Work; Grade Method: REG/P-F/AUD. — 1-3 credits
0901 Time and room to be arranged — Schlimme, D

FDSC387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD. — 1-3 credits
0901 Time and room to be arranged — Schlimme, D

FDSC399 (PermReq) Special Problems in Food Science; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

FDSC421 (PermReq) Food Chemistry; Grade Method: REG/P-F/AUD. Prerequisite: BCHM 261. — 3 credits
0101 MWF.....8:00am- 8:50am (ANS 1109) — Shailubhai, K

FDSC422 Food Product Research and Development; Grade Method: REG/P-F/AUD. Prerequisite: FDSC 412; and FDSC 413 or permission of department. Four all day trips required. — 3 credits
0101 WF.....10:00am-12:00pm (HZF 0113B) LAB — Schlimme, D

FDSC431 Food Quality Control; Grade Method: REG/P-F/AUD. — 4 credits
0101 TuTh.....6:00pm- 7:15pm (HZF 0128B) — Schlimme, D
Th.....7:30pm- 9:30pm (HZF 0109) LAB

FDSC631 Advanced Food Microbiology; Grade Method: REG/AUD. Prerequisite: FDSC 430 or permission of instructor. — 2 credits
0101 Th.....3:30pm- 4:45pm (ANS 1109) — Westhoff, D

FDSC698 Colloquium in Food Science; Grade Method: REG/AUD. — 1 credit
0101 Tu.....4:00pm- 4:50pm (HZF 1102) — Shehata, T

FDSC699 (PermReq) Special Problems in Food Science; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-4 credits

FDSC799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

FDSC899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

FMCD Family and Community Development (Human Ecology)

FMCD105 The Individual in the Family; Grade Method: REG/P-F/AUD. — 3 credits
0101 MWF.....10:00am-10:50am (ASY 2309) — Randolph, S

FMCD200 Pre-professional Seminar; Grade Method: REG/P-F/AUD. Prerequisite: permission of department. Formerly FMCD 270. — 1 credit
0101 M.....1:00pm- 1:50pm (MMH 1400) — Billingsley, A

FMCD201 Concepts in Community Development; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D Course. — 3 credits
0101 W.....6:00pm- 8:45pm (TLF 0124) — STAFF

FMCD250 Decision Making in Families and Communities; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D Course. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (JMP 3201) — Hanna, W

FMCD330 Family Patterns; Grade Method: REG/AUD. USP Distributive Studies Area A Course. Junior standing. — 3 credits
0101 TuTh.....11:00am-12:15pm (ARM 0119) — Millstein, F
0201 MWF.....1:00pm- 1:50pm (MMH 1304) — Zeiger, R

FMCD332 The Child in the Family; Grade Method: REG/P-F/AUD. Prerequisite: FMCD 105 or PSYC 100. — 3 credits
0101 TuTh.....9:30am-10:45am (MMH 0108) — Gaylin, N

FMCD348 (PermReq) Practicum in Family and Community Development; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Advance written application. Student must arrange schedule to enable appropriate time blocks for experience. Concurrent enrollment in 1-credit of FMCD 349 required with registration in FMCD 348. May be repeated in subsequent semesters in other credit combinations, but must be taken with FMCD 349. Students are encouraged to find internship placements that permit a 12-30 hour per week involvement. Appropriate credits will be rewarded. — 4 credits

FMCD349 (PermReq) Analysis of Practicum; Grade Method: REG/P-F/AUD. Advance written application required. Enrollment for 1-credit required with first registration in FMCD 348. May be repeated in subsequent semesters in other credit combinations, but must be taken with FMCD 348. — 1 credit
0101 Th.....3:30pm- 5:30pm (MMH 0108) — Millstein, F

FMCD370 Interpersonal Communication Processes; Grade Method: REG/P-F/AUD. — 3 credits
0101 Tu.....3:30pm- 6:00pm (MMH 1304) — Epstein, N

FMCD381 Poverty and Affluence Among Families and Communities; Grade Method: REG/P-F/AUD. CORE Distributive Studies Cultural Diversity Course. USP Advanced Studies Analysis of Human Problems Course. Prerequisite: FMCD 201; or SOCY 100; or SOCY 105. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (HBK 0108) — Koblinsky, S

FMCD386 (PermReq) Field Work; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Must be taken concurrently with FMCD 387. — 1-3 credits

FMCD387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Must be taken concurrently with FMCD 386. — 1-3 credits

FMCD399 (PermReq) Independent Study; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

FMCD430 Gender Role Development in the Family; Grade Method: REG/P-F/AUD. Prerequisites: SOCY 100; and FMCD 260; or permission of department. Junior standing required. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (MMH 1400) — Rubin, R

FMCD431 Family Crises and Intervention; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. Prerequisite: PSYC 100. Junior standing. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (MMH 0108) — Epstein, N

FMCD432 Intergenerational Aspects of Family Living; Grade Method: REG/P-F/AUD. Prerequisites: PSYC 100; and SOCY 100; and [FMCD 332 or other human development course]. — 3 credits
0101 MWF.....12:00pm-12:50pm (MMH 1304) — Randolph, S

FMCD441 Personal and Family Finance; Grade Method: REG/P-F/AUD. Prerequisite: ECON 201; or ECON 205; or permission of department. — 3 credits
0101 MWF.....9:00am- 9:50am (MMH 1400) — Churaman, C

FMCD483 Family and Community Service Systems; Grade Method: REG/P-F/AUD. Prerequisites: 6 credits in SOCY and GVPT. — 3 credits
0101 TuTh.....11:00am-12:15pm (MMH 1304) — Hanna, W

FMCD487 Legal Aspects of Family Problems; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. Prerequisite: FMCD 105 or SOCY 105. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (MMH 1400) — Myricks, N

FMCD499F Special Topics: Introduction to Financial Counseling; Grade Method: REG/P-F/AUD. Prerequisite: FMCD 441 or CNEC 410. — 3 credits
0101 MWF.....1:00pm- 1:50pm (MMH 1206) — Churaman, C

FMCD499M Special Topics: Theory and Techniques of Family Mediation; Grade Method: REG/P-F/AUD. — 3 credits
0101 M.....6:00pm- 8:45pm (MMH 1304) — Myricks, N

FMCD600 Research and Theory in Family Studies; Grade Method: REG/AUD. — 3 credits
0101 Tu.....5:00pm- 7:45pm (MMH 1206) — Rubin, R

FMCD615 (PermReq) Needs Assessment for Family and Community Development; Grade Method: REG/AUD. — 3 credits
0101 M.....2:00pm- 4:45pm (JMZ 0202) — Wallen, J

FMCD640 (PermReq) Family Therapy: Theory and Techniques; Grade Method: REG/AUD. — 3 credits
0101 M.....3:00pm- 5:45pm (MMH 1206) — Leslie, L

FMCD642 (PermReq) Intergenerational Aspects of Family Therapy; Grade Method: REG/AUD. Prerequisite: FMCD 640. — 3 credits
0101 Th.....2:00pm- 4:45pm (MMH 1206) — Gaylin, N

FMCD645 (PermReq) Sexual Issues and the Helping Professional; Grade Method: REG/AUD. Prerequisites: a basic course in human sexuality and permission of instructor. — 3 credits
0101 M.....9:00am-11:45am (MMH 1312) — Zeiger, R

FMCD647 Theory and Techniques of Family Mediation; Grade Method: REG/AUD. — 3 credits
0101 M.....6:00pm- 8:45pm (MMH 1304) — Myricks, N

FMCD650 (PermReq) Clinical Seminar in Family Therapy; Grade Method: REG/AUD. Prerequisite: permission of instructor. Limited to students admitted to the family therapy practicum. — 3 credits
0101 Tu.....9:00am-11:45am (MMH 1206) — Werlinich, C

FMCD652 (PermReq) Clinical Practicum in Family Therapy II; Grade Method: REG/AUD. Prerequisite: FMCD 651. Limited to students admitted to the family therapy practicum. — 3 credits
0101 Tu.....9:00am-11:45am (MMH 1312) — Leslie, L

FMCD660 Planning of Family and Community Development Programs; Grade Method: REG/AUD. — 3 credits
0101 W.....6:00pm- 8:45pm (MMH 1206) — Myricks, N

FMCD689 (PermReq) Internship in Family and Community Development; Grade Method: REG/AUD. — 3-6 credits
0101 Time and room to be arranged — Gaylin, N

FMCD698 (PermReq) Advanced Topics in Family and Community Development; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Must have written permission of faculty member and chairperson. — 1-3 credits

FMCD698F Advanced Topics in Family and Community Development: Introduction to Financial Counseling; Grade Method: REG/AUD. Prerequisite: FMCD 441 or CNEC 410. — 3 credits
0101 MWF.....1:00pm- 1:50pm (MMH 1206) — Churaman, C

FMCD699 (PermReq) Independent Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

FMCD699S (PermReq) Independent Study: Theory and Practice of Clinical Supervision; Grade Method: REG/AUD. — 1-6 credits
0101 Time and room to be arranged — Gaylin, N

FMCD799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Must have written permission of faculty member and chairperson. — 1-6 credits

FOLA Foreign Language (Arts and Humanities)

SELF-INSTRUCTIONAL LANGUAGE PROGRAM

The program is essentially self-instructional. The student supplies a blank tape and, in return, receives a recorded tape with the week's lesson. There is also a manual designed for self-instruction which the student is required to purchase. A native speaking tutor will be assigned to drill the student in the material learned from the tape and the accompanying manual. Every effort will be made to arrange drill sessions at times suitable to all participants in the program. Attendance at drill sessions is required of all students. There will be one final examination administered by a qualified examiner appointed by the director. The entire semester's grade will derive from this examination. Enrollment in the program is strictly limited. Application forms available in JMZ 4117. Mandatory orientation and scheduling meeting will be held at beginning of semester. Details posted outside of JMZ 3122.

FOLA108K Elementary Foreign Languages I: Introductory Reading for Speakers of Korean; Grade Method: REG/P-F/AUD. Reading and writing practices in Korean. Course progresses from an introduction of Hangul (the Korean alphabet) to the reading of easy literature. Discussion in simple Korean. — 3 credits
0101 TuTh.....9:30am-10:45am (JMZ 2102) — STAFF

FOLA138A (PermReq) Directed Study of a Foreign Language I: Hungarian I; Grade Method: REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. — 3 credits
0101 Time and room to be arranged LAB — MacBain, W

FOLA138C (PermReq) Directed Study of a Foreign Language I: Modern Greek I; Grade Method: REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. — 3 credits
0101 Time and room to be arranged LAB — MacBain, W

FOLA138D (PermReq) Directed Study of a Foreign Language I: Dutch I; Grade Method: REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. — 3 credits
0101 Time and room to be arranged LAB — MacBain, W

FOLA138F (PermReq) Directed Study of a Foreign Language I: Polish I; Grade Method: REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. — 3 credits
0101 Time and room to be arranged LAB — MacBain, W

FOLA138K (PermReq) Directed Study of a Foreign Language I: Persian I; Grade Method: REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 4117) Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. — 3 credits
0101 Time and room to be arranged LAB — MacBain, W

FOLA138P (PermReq) Directed Study of a Foreign Language I: Hindi I; Grade Method: REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. — 3 credits
0101 Time and room to be arranged LAB — MacBain, W

FOLA138R (PermReq) Directed Study of a Foreign Language I: Turkish I; Grade Method: REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. — 3 credits
0101 Time and room to be arranged LAB — MacBain, W

FOLA138S (PermReq) Directed Study of a Foreign Language I: Egyptian Arabic I; Grade Method: REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. — 3 credits
0101 Time and room to be arranged LAB — MacBain, W

FOLA138V (PermReq) Directed Study of a Foreign Language I: Armenian I; Grade Method: REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. — 3 credits
0101 Time and room to be arranged LAB — MacBain, W

FOLA139A (PermReq) Directed Study of a Foreign Language II: Elementary Hungarian II; Grade Method: REG/P-F/AUD. All students planning to take this course must complete an — 3 credits

application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program.
0101 Time and room to be arranged MacBain, W

FOLA139C (PermReq) Directed Study of a Foreign Language II: Elementary Modern Greek II; Grade Method: REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instruction Program. 3 credits
0101 Time and room to be arranged MacBain, W

FOLA139D (PermReq) Directed Study of a Foreign Language II: Elementary Dutch II; Grade Method: REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged MacBain, W

FOLA139K (PermReq) Directed Study of a Foreign Language II: Elementary Persian II; Grade Method: REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged MacBain, W

FOLA139P (PermReq) Directed Study of a Foreign Language II: Hindi II; Grade Method: REG/P-F/AUD. Prerequisite: FOLA 138P or consent of program director. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122.Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged MacBain, W

FOLA139R (PermReq) Directed Study of a Foreign Language II: Elementary Turkish II; Grade Method: REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA139S (PermReq) Directed Study of a Foreign Language II: Egyptian Arabic II; Grade Method: REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged MacBain, W

FOLA148A (PermReq) Directed Study of a Foreign Language III: Hungarian III; Grade Method: REG/P-F/AUD. Prerequisite: FOLA 138A or FOLA 158A or consent of program director. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA148C (PermReq) Directed Study of a Foreign Language III: Modern Greek III; Grade Method: REG/P-F/AUD. Prerequisite: FOLA 138C or FOLA 158C or consent of program director. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA148D (PermReq) Directed Study of a Foreign Language III: Dutch III; Grade Method: REG/P-F/AUD. Prerequisite: FOLA 138D or FOLA 158D or consent of program director. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA148F (PermReq) Directed Study of a Foreign Language III: Polish III; Grade Method: REG/P-F/AUD. Prerequisite: FOLA 139F or FOLA 158F or consent of program director. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA148K (PermReq) Directed Study of a Foreign Language III: Persian III; Grade Method: REG/P-F/AUD. Prerequisite: FOLA 139K or FOLA 158K or consent of program director. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA148P (PermReq) Directed Study of a Foreign Language III: Hindi III; Grade Method: REG/P-F/AUD. Prerequisites: FOLA 139P or FOLA 158P or consent of program director. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA148Q (PermReq) Directed Study of a Foreign Language III: Norwegian III; Grade Method: REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged MacBain, W

FOLA148R (PermReq) Directed Study of a Foreign Language III: Turkish III; Grade Method: REG/P-F/AUD. Prerequisite: FOLA 139R or FOLA 158R or consent of program director. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA148S (PermReq) Directed Study of a Foreign Language III: Egyptian Arabic III; Grade Method: REG/P-F/AUD. Prerequisite: FOLA 139S or FOLA 158S or consent of program director. All students planning to take this course must complete application form (avaible in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outsied JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA149C (PermReq) Directed Study of a Foreign Language IV: Modern Greek IV; Grade Method: REG/P-F/AUD. Prerequisite: FOLA 148C or consent of program director. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA149D (PermReq) Directed Study of a Foreign Language IV: Dutch IV; Grade Method: REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA149P (PermReq) Directed Study of a Foreign Language IV: Hindi IV; Grade Method: REG/P-F/AUD. Prerequisite: FOLA 148P or consent of program director. All students planning to take this course must complete application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 3 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA158C (PermReq) Directed Study of a Foreign Language (Intensive) I: Elementary Greek (Intensive); Grade Method: REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 6 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA158F (PermReq) Directed Study of a Foreign Language (Intensive) I: Elementary Polish (Intensive); Grade Method: REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 6 credits
0101 Time and room to be arranged MacBain, W

FOLA158K (PermReq) Directed Study of a Foreign Language (Intensive) I: Elementary Persian (Intensive); Grade Method: REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 6 credits
0101 Time and room to be arranged MacBain, W

FOLA158P (PermReq) Directed Study of a Foreign Language (Intensive) I: Elementary Hindi (Intensive); Grade Method: REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 6 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA158V (PermReq) Directed Study of a Foreign Language (Intensive) I: Elementary Armenian (Intensive); Grade Method: REG/P-F/AUD. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 4117. Read note above describing Self-Instructional Program. 6 credits
0101 Time and room to be arranged MacBain, W

FOLA158X (PermReq) Directed Study of a Foreign Language (Intensive) I: Elementary Urdu (Intensive); Grade Method: REG/P-F/AUD. Students may register for FOLA 158X or 158P, not both. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 6 credits
0101 Time and room to be arranged MacBain, W

FOLA158C (PermReq) Directed Study of a Foreign Language (Intensive) II: Intermediate Greek; Grade Method: REG/P-F/AUD. Prerequisite: FOLA 158C or 139C or consent of program director. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and Scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 6 credits
0101 Time and room to be arranged MacBain, W

FOLA158P (PermReq) Directed Study of a Foreign Language (Intensive) II: Intermediate Hindi; Grade Method: REG/P-F/AUD. Prerequisite: FOLA 158P or 139P or consent of program director. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 6 credits
0101 Time and room to be arranged LAB MacBain, W

FOLA158X (PermReq) Directed Study of a Foreign Language (Intensive) II: Intermediate Urdu; Grade Method: REG/P-F/AUD. Prerequisite: FOLA 158X or 158P or consent of program director. All students planning to take this course must complete an application form (available in JMZ 4117). Mandatory orientation and scheduling meeting will be held. Details posted outside JMZ 3122. Read note above describing Self-Instructional Program. 6 credits
0101 Time and room to be arranged MacBain, W

FOLA386 Field Work; Grade Method: REG/P-F/AUD. 1-3 credits
0101 Time and room to be arranged MacBain, W

FOLA387 Field Work Analysis; Grade Method: REG/P-F/AUD. 1-3 credits
0101 Time and room to be arranged MacBain, W

FOOD Food (Human Ecology)

FOOD105 Professional Orientation; Grade Method: S-F. 1 credit
0101 Th.....3:00pm- 3:50pm (MHH 3418) Curtis, S

FOOD110 Food for People; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D Course. 3 credits
0101 TuTh.....9:30am-10:45am (JMZ 0220) Cook, P

FOOD240 (PermReq) Science of Food I; Grade Method: REG/P-F/AUD. Pre- or corequisite: CHEM 233 or CHEM 104. 3 credits
0101 TuTh.....10:00am-10:50am (ARM 0117) Curtis, S
Tu.....2:00pm- 5:00pm (MHH 3401) LAB
0102 TuTh.....10:00am-10:50am (ARM 0117) Curtis, S
W.....2:00pm- 5:00pm (MHH 3401) LAB

FOOD250 (PermReq) Science of Food II; Grade Method: REG/P-F/AUD. Prerequisite: FOOD 240. 3 credits
0101 TuTh.....1:00pm- 1:50pm (MHH 3418) Curtis, S
M.....2:00pm- 5:00pm (MHH 3401) LAB

FOOD440 Advanced Food Science I; Grade Method: REG/P-F/AUD. Prerequisites: FOOD 250; and BCHM 261 or BCHM 461. 3 credits
0101 TuTh.....9:30am-10:45am (ARM 0102) Choi, Y

FOOD445 Advanced Food Science Laboratory; Grade Method: REG/P-F/AUD. Pre- or corequisite: FOOD 440. 1 credit
0101 M.....2:00pm- 5:00pm (MHH 3407) LAB Choi, Y

FOOD498L Selected Topics: Computer Allications in Human Nutrition and Food Systems; Grade Method: REG/P-F/AUD. Open to HNFS majors only. 1 credit
0101 M.....10:00am- 1:00pm (MHH 1314) STAFF

FOOD635 Advances in Food Proteins; Grade Method: REG/AUD. Prerequisite: FOOD 440 or equivalent. 3 credits
0101 M.....6:00pm- 8:45pm (WDS 0104) Choi, Y

FOOD660 Research Methods; Grade Method: REG/AUD. Prerequisite: a statistics course. 3 credits
0101 TuTh.....5:00pm- 6:15pm (MHH 3418) Prather, M

FOOD670 (PermReq) Food-Related Behavior of the Individual; Grade Method: REG/AUD. Prerequisite: permission of department. 3 credits
0101 TuTh.....11:00am-12:15pm (MHH 0108) Castonguay, T

FOOD678F Selected Topics in Foods: Food Flavors; Grade Method: REG/AUD. 3 credits
0101 MW.....4:00pm- 5:15pm (MHH 0108) Karahadian, C

FOOD688 Seminar: Seminar in Nutrition; Grade Method: REG/AUD. 1 credit
0101 Th.....4:00pm- 4:50pm (MHH 3418) Read, M

FOOD789 Non-Thesis Research; Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

FOOD799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

FOOD888 (PermReq) Doctoral Seminar; Grade Method: REG/AUD. 1 credit
0101 F.....2:00pm- 4:00pm (MHH 0108) Read, M

FOOD899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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FREN French (Arts and Humanities)

A booklet fully describing courses to be offered is available in the office of the Department of French and Italian, Room 3106 of the Juan Ramon Jimenez building.

FREN101 Elementary French; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Not open to students with 2 or more years of high-school level French. Limited to students according to conditions described in the "Foreign Language Placement" section in this schedule. Students must show high school transcript. 4 credits
0101 MTuWF.....8:00am- 8:50am (JMZ 0122) STAFF
Th.....8:00am- 8:50am (JMZ 1220) LAB
0201 MW.....2:00pm- 4:00pm (JMZ 0125) STAFF
Th.....2:00pm- 2:50pm (JMZ 1220) LAB
0301 MWF.....11:00am-11:50am (SYH 1300) STAFF
Tu.....11:00am-11:50am (JMZ 2122)
Th.....11:00am-11:50am (JMZ 1220) LAB
0401 MWF.....11:00am-11:50am (HZF 1101) STAFF
Tu.....11:00am-11:50am (JMZ 0122)
Th.....11:00am-11:50am (JMZ 1220) LAB
0501 MWF.....12:00pm-12:50pm (JMZ 2206) STAFF
Tu.....12:00pm-12:50pm (JMZ 0122)
Th.....12:00pm-12:50pm (JMZ 1220) LAB
0601 MTuWF.....1:00pm- 1:50pm (JMZ 0122) STAFF
Th.....1:00pm- 1:50pm (JMZ 1220) LAB

FREN102 Elementary French; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisite: FREN 101 at UMCP or permission of department. 4 credits
0101 MWThF.....8:00am- 8:50am (JMZ 0118) STAFF
Tu.....8:00am- 8:50am (JMZ 1220) LAB
0201 MWThF.....9:00am- 9:50am (JMZ 0118) STAFF
Tu.....9:00am- 9:50am (JMZ 1220) LAB
0301 MWThF.....10:00am-10:50am (JMZ 0118) STAFF
Tu.....10:00am-10:50am (JMZ 1220) LAB
0401 MWThF.....11:00am-11:50am (JMZ 0122) STAFF
Tu.....11:00am-11:50am (JMZ 1220) LAB
0501 MWThF.....12:00pm-12:50pm (JMZ 0122) STAFF
Tu.....12:00pm-12:50pm (JMZ 1220) LAB

FREN103 Review of Elementary French; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Limited to students who have had at least two years of high-school French or equivalent or who do not qualify for FREN 203. Credit will be granted for only one of the following: FREN 101/ FREN 102 or FREN 103. Limited to students according to conditions described in the " Foreign Language Placement" section in this schedule. Students must show high school transcript. 4 credits
0101 MTuWF.....8:00am- 8:50am (JMZ 2120) STAFF
0201 MTuWF.....9:00am- 9:50am (JMZ 2120) STAFF
0301 MWF.....10:00am-10:50am (JMZ 2120) STAFF
Tu.....10:00am-10:50am (JMZ 0118)
0401 MTuWF.....11:00am-11:50am (JMZ 2120) STAFF
0501 MTuWF.....12:00pm-12:50pm (JMZ 2120) STAFF
0601 MTuWF.....1:00pm- 1:50pm (JMZ 2120) STAFF

FREN200 French For Reading; Grade Method: REG/P-F/AUD. Course not open to students who have completed two years of high school French or two semesters college French within the last five years nor to students for whom French is the native language. 3 credits
0101 MW.....2:00pm- 3:15pm (JMZ 3118) Demaitre, A

FREN203 Intermediate French; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Limited to students according to conditions described in the "Foreign Language Placement" section in this schedule. Students must show high school transcript. 4 credits
0101 MWThF.....8:00am- 8:50am (JMZ 0103) STAFF
0301 MWF.....10:00am-10:50am (JMZ 0103) STAFF
Th.....10:00am-10:50am (JMZ 0103)
0401 MWF.....10:00am-10:50am (JMZ 2122) STAFF
Th.....10:00am-10:50am (JMZ 0122)
0501 MWThF.....11:00am-11:50am (JMZ 0103) STAFF
0601 MWThF.....12:00pm-12:50pm (JMZ 2122) STAFF
0701 MWThF.....12:00pm-12:50pm (JMZ 0103) STAFF
0801 MWThF.....1:00pm- 1:50pm (JMZ 0103) STAFF

FREN203H Intermediate French; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. 4 credits
0101 MWF.....12:00pm-12:50pm (JMZ 3120) Demaitre, A
F.....1:00pm- 1:50pm (JMZ 3120)

FREN204 Review Grammar and Composition; Grade Method: REG/P-F/AUD. Prerequisite: FREN 203 or permission of department. 3 credits
0101 MWF.....9:00am- 9:50am (JMZ 0125) Windom, P
0201 MWF.....10:00am-10:50am (JMZ 0125) Windom, P
0301 TuTh.....9:30am-10:45am (JMZ 0125) Black, C

FREN211 Intermediate Conversation; Grade Method: REG/P-F/AUD. Not open to native speakers. Prerequisite: FREN 203 or permission of department. 3 credits
0101 MWF.....11:00am-11:50am (JMZ 0125) STAFF
0201 MWF.....12:00pm-12:50pm (JMZ 0125) STAFF
0301 TuTh.....9:30am-10:45am (JMZ 3118) Bondurant, D

FREN241 Women Writers of French Expression in Translation; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. CORE Distributive Studies Cultural Diversity Course. 3 credits
0101 MWF.....11:00am-11:50am (JMZ 3118) Hage, M

FREN250 Readings in French; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. Prerequisite: FREN 203 or equivalent. 3 credits
0101 TuTh.....8:30am-10:45am (JMZ 2123) Brami, J
0201 TuTh.....12:30pm- 1:45pm (JMZ 2125) Ancekewicz, E
0301 TuTh.....9:30am-10:45am (JMZ 2122) MacBain, W

FREN250H Readings in French; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. Prerequisite: FREN 203 or equivalent. 3 credits
0101 TuTh.....9:30am-10:45am (JMZ 2122) MacBain, W

FREN301 Composition and Style; Grade Method: REG/P-F/AUD. Prerequisite: FREN 204 or permission of department. 3 credits
0101 TuTh.....12:30pm- 1:45pm (JMZ 1215) STAFF
0201 TuTh.....12:30pm- 1:45pm (JMZ 3118) Joseph, J

FREN302 Introduction to Translation; Grade Method: REG/P-F/AUD. Prerequisite: FREN301 or permission of department. 3 credits
0101 MWF.....12:00pm-12:50pm (JMZ 3118) Hage, M

FREN311 Advanced Comprehension and Expression in French; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisite: FREN 211 or permission of department. Not open to native speakers of French. 3 credits
0101 TuTh.....11:00am-12:15pm (JMZ 2125) STAFF
0201 TuTh.....11:00am-12:15pm (JMZ 3120) Brami, J

FREN312 French Conversation: Current Cultural Events; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Not open to native speakers of French. 3 credits
0101 MWF.....12:00pm-12:50pm (JMZ 2123) STAFF

FREN351 French Literature From the Revolution to the Present; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. Prerequisite: FREN 204 or FREN 250 or permission of department. 3 credits
0101 MWF.....9:00am- 9:50am (JMZ 3118) Mossman, C

FREN351H French Literature From the Revolution to the Present; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. Prerequisite: FREN 204 or FREN 250 or permission of department. Honors. 3 credits
0101 MWF.....9:00am- 9:50am (JMZ 3118) Mossman, C

FREN352 French Literature From the Middle Ages to the Revolution; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. Prerequisite: FREN 204 or FREN 250 or permission of department. 3 credits
0101 TuTh.....9:30am-10:45am (JMZ 2125) Ancekewicz, E

FREN352H French Literature From the Middle Ages to the Revolution; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. Prerequisite: FREN 204 or FREN 250 or permission of department. Honors. 3 credits
0101 TuTh.....9:30am-10:45am (JMZ 2125) Ancekewicz, E

FREN386 Field Work; Grade Method: REG/P-F/AUD. 1-3 credits
(PermReq) Individual Instruction course: contact department or instructor to obtain section number.

FREN387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

FREN398 (PermReq) Practicum in Spoken French; Grade Method: S-F. Individual Instruction course: 1 credit

contact department or instructor to obtain section number. Supervised conversation under professor of student's choice with consent of instructor. Contact department for details. Prerequisite: FREN 312 or permission of department chairman.

FREN399 (PermReq) Directed Study in French; Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number. Supervised work under professor of student's choice with consent of instructor. Contact department for details. — 1-3 credits

FREN404 Advanced Conversation in French; Grade Method: REG/P-F/AUD. Prerequisite: FREN 311 or FREN 312 or permission of department. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (JMZ 2125) Brami, J

FREN405 Explication De Textes; Grade Method: REG/AUD. — 3 credits
0101 TuTh.....9:30am-10:45am (JMZ 3120) Fink, B

FREN439 Studies in 17th Century French Literature: Les Grands Prosateurs; Grade Method: REG/P-F/AUD. — 3 credits
0101 MWF.....9:00am- 9:50am (JMZ 3120) Black, C

FREN439H Studies in 17th Century French Literature: Les Grands Prosateurs; Grade Method: REG/P-F/AUD. — 3 credits
0101 MWF.....9:00am- 9:50am (JMZ 3120) Black, C

FREN459 Studies in 19th Century French Literature: Romanticism; Grade Method: REG/P-F/AUD. — 3 credits
0101 MWF.....11:00am-11:50am (JMZ 3120) Mossman, C

FREN459H Studies in 19th Century French Literature: Romanticism; Grade Method: REG/P-F/AUD. — 3 credits
0101 MWF.....11:00am-11:50am (JMZ 3120) Mossman, C

FREN471 French Civilization I; Grade Method: REG/P-F/AUD. — 3 credits
0101 MWF.....10:00am-10:50am (JMZ 3118) Therrien, M

FREN471H French Civilization I; Grade Method: REG/P-F/AUD. — 3 credits
0101 MWF.....10:00am-10:50am (JMZ 3118) Therrien, M

FREN478C Themes and Movements of French Literature in Translation: Conflict between Individual and Society in French Literature ; Grade Method: REG/P-F. USP Advanced Studies Analysis of Human Problems Course. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (JMZ 0105) MacBain, W

FREN479D Masterworks of French Literature in Translation: Ideologies and Relations Between the Sexes; Grade Method: REG/P-F. USP Advanced Studies Analysis of Human Problems Course. — 3 credits
0101 TuTh.....11:00am-12:15pm (JMZ 2206) MacBain, W

FREN494H (PermReq) Honors Independent Study; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Open only to students admitted to the departmental honors program. — 3 credits

FREN495H (PermReq) Honors Thesis Research; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Open only to students admitted to the departmental honors program. — 3 credits

FREN499 Special Topics in French Studies; Grade Method: REG/P-F/AUD. — 3 credits
0101 Time and room to be arranged STAFF

FREN603 Stylistics; Grade Method: REG/AUD. — 3 credits
0101 Th.....2:00pm- 4:30pm (JMZ 3118) Fink, B

FREN649 Special Topic in Eighteenth Century French Literature: La Comedie De Moliere a Musset; Grade Method: REG/AUD. — 3 credits
0101 M.....2:00pm- 4:30pm (JMZ 3120) Therrien, M

FREN669 Special Topics in Twentieth Century French Literature: 20th Century Novel; Grade Method: REG/AUD. — 3 credits
0101 W.....2:00pm- 4:30pm (JMZ 3120) Tarica, R

FREN702 Structural French Linguistics; Grade Method: REG/AUD. — 3 credits
0101 Tu.....2:00pm- 4:30pm (JMZ 3118) Joseph, J

FREN709 College Teaching of French; Grade Method: S-F. — 1 credit
0101 Tu.....5:00pm- 6:00pm (JMZ 3118) Joseph, J

FREN798 (PermReq) Master's Independent Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

FREN799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

FREN818 French Literary Criticism; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

FREN898 (PermReq) Doctoral Independent Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

FREN899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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FSAD Foodservice Administration (Human Ecology)

FSAD300 Foodservice Organization and Management; Grade Method: REG/P-F/AUD. Prerequisite: permission of department. Offered fall semesters only. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (ARM 0110) Norton, V

FSAD350 (PermReq) Foodservice Operations I; Grade Method: REG/P-F/AUD. Prerequisite: FOOD 250. Pre- or corequisites: FSAD 300; and MICB 200. — 5 credits
0101 MWF.....9:00am- 9:50am (MRH 3418) Noble, J
Tu.....8:00am- 1:00pm (MRH 3108) LAB
0102 MWF.....9:00am- 9:50am (MRH 3418) Noble, J
Th.....8:00am- 1:00pm (MRH 3108) LAB

FSAD450 Foodservice Equipment Planning; Grade Method: REG/P-F/AUD. Prerequisite: FSAD 350. — 3 credits
0101 TuTh.....1:00pm- 1:50pm (MRH 3112) Norton, V
W.....1:00pm- 4:00pm (MRH 3112) LAB

FSAD480 (PermReq) Practicum in Foodservice Administration; Grade Method: S-F. Prerequisites: FSAD 350 and permission of department. — 3 credits
0101 F.....2:00pm- 5:00pm (MRH 3418) Norton, V

FSAD490 (PermReq) Special Problems in Foodservice; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisites: senior standing, five hours in FSAD courses and permission of department. — 2-3 credits

FSAD498 (PermReq) Selected Topics; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

FSAD498C (PermReq) Selected Topics: Conference Center Foodservice; Grade Method: REG/P-F/AUD. — 3 credits
0101 MF.....11:00am-11:50am (MRH 3418) Noble, J
Time and room to be arranged LAB

FSAD498L Selected Topics: Computer Applications in Human Nutrition and Food Systems; Grade Method: REG/P-F/AUD. Open to HNFS majors only. — 1 credit
0101 M.....10:00am- 1:00pm (MRH 1314) STAFF

FSAD630 Computer Applications in Foodservice; Grade Method: REG/AUD. — 3 credits
0101 W.....6:00pm- 8:45pm (MRH 1314) Noble, J

FSAD660 Research Methods; Grade Method: REG/AUD. Prerequisite: a statistics course. — 3 credits
0101 TuTh.....5:00pm- 6:15pm (MRH 3418) Prather, M

FSAD670 (PermReq) Control and Analysis of Costs in Foodservice Industries; Grade Method: REG/AUD. Prerequisite: permission of department. — 3 credits
0101 Tu.....6:00pm- 8:45pm (MRH 1304) Norton, V

FSAD675 (PermReq) Advanced Administrative Dietetics; Grade Method: REG/AUD. Prerequisite: permission of department. Open to Walter Reed dietetic interns only. — 3 credits
0101 Time and room to be arranged Patterson, R

FSAD678A (PermReq) Selected Topics in Foodservice Administration: Individual Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

FSAD688 Seminar: Seminar in Nutrition; Grade Method: REG/AUD. — 1 credit
0101 Th.....4:00pm- 4:50pm (MRH 3418) Read, M

FSAD789 Non-Thesis Research; Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

FSAD799 (PermReq) Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

FSAD888 (PermReq) Doctoral Seminar; Grade Method: REG/AUD. — 1 credit
0101 F.....2:00pm- 4:00pm (MRH 0108) Read, M

FSAD899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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GEOG Geography (Behavior & Social Sci)

GEOG100 Introduction to Geography; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D Course. — 3 credits
0101 MW.....10:00am-10:50am (LEF 2205)
Th.....10:00am-10:50am (EGR 2112) DIS Cirrincione, J
0102 MW.....10:00am-10:50am (LEF 2205)
Th.....11:00am-11:50am (ZOO 1243) DIS Cirrincione, J
0103 MW.....10:00am-10:50am (LEF 2205)
F.....9:00am- 9:50am (LEF 1221) DIS Cirrincione, J
0104 MW.....10:00am-10:50am (LEF 2205)
F.....10:00am-10:50am (LEF 2205) DIS Cirrincione, J
0105 MW.....10:00am-10:50am (LEF 2205)
F.....12:00pm-12:50pm (TAR 1124) DIS Cirrincione, J
0201 MW.....11:00am-11:50am (LEF 2205)
Th.....10:00am-10:50am (PHY 4208) DIS Cirrincione, J
0202 MW.....11:00am-11:50am (LEF 2205)
Th.....11:00am-11:50am (LEF 1208) DIS Cirrincione, J
0203 MW.....11:00am-11:50am (LEF 2205)
F.....9:00am- 9:50am (TAR 1122) DIS Cirrincione, J
0204 MW.....11:00am-11:50am (LEF 2205)
F.....10:00am-10:50am (TAR 1122) DIS Cirrincione, J
0205 MW.....11:00am-11:50am (LEF 2205)
F.....11:00am-11:50am (LEF 2205) DIS Cirrincione, J

GEOG201 Geography of Environmental Systems; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Laboratory Course only when taken concurrently with GEOG 211. USP Distributive Studies Area B Course. If taken with GEOG 211, course may be counted as USP Area B lab science requirement. — 3 credits
0101 TuTh.....9:30am-10:45am (LEF 2205) Marcus, W

GEOG202 The World in Cultural Perspective; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area A Course. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (TYD 1102) Fonaroff, L
0201 TuTh.....11:00am-12:15pm (LEF 2208) Mitchell, R

GEOG203 Economic Geography; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D Course. — 3 credits
0101 MWF.....11:00am-11:50am (LEF 1221) Brodsky, H

GEOG211 Geography of Environmental Systems Laboratory; Grade Method: REG/P-F/AUD. Pre- or corequisite: GEOG 201 or GEOL 100 or GEOL 120. CORE Distributive Studies Physical Science Laboratory Course only when taken concurrently with GEOG 201. This is a 2 hr, 1 credit lab which parallels GEOG 201; Required for GEOG majors; optional for non-majors. — 1 credit
0101 M.....9:00am-11:00am (LEF 1138) LAB Marcus, W
0201 F.....9:00am-11:00am (TYD 2140) LAB Marcus, W
0301 W.....1:00pm- 3:00pm (LEF 1179) LAB Marcus, W

GEOG305 Quantitative Methods in Geography; Grade Method: REG/P-F/AUD. Satisfies URBS 350 requirements. — 3 credits
0101 MWF.....1:00pm- 1:50pm (LEF 1221) Brodsky, H

GEOG310 Research and Writing in Geography; Grade Method: REG. Prerequisite: GEOG 305. Course satisfies ENGL 391 composition requirement for geography majors only. — 3 credits
0101 Th.....4:00pm- 6:30pm (LEF 1221) Fonaroff, L

GEOG322 Central America, the Caribbean and Mexico; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....11:00am-12:15pm (LEF 1220) Chaves, A

GEOG345 Climatology; Grade Method: REG/P-F/AUD. — 3 credits
0101 Tu.....6:30pm- 9:00pm (LEF 1220) Ernst, J

GEOG370 Principles of Cartography; Grade Method: REG/AUD. — 3 credits
0101 M.....4:00pm- 6:30pm (LEF 1138) Wiedel, J
Time and room to be arranged LAB

GEOG372 Remote Sensing; Grade Method: REG/P-F/AUD. — 3 credits
0101 M.....12:00pm- 2:00pm (LEF 1220)
F.....12:00pm- 2:00pm (LEF 1138) LAB Scallan, J
0201 M.....12:00pm- 2:00pm (LEF 1220)
W.....12:00pm- 2:00pm (LEF 1138) LAB Scallan, J

GEOG373 Computer Mapping; Grade Method: REG/P-F/AUD. Prerequisite: GEOG 370 or CMSC 110 or permission of department. — 3 credits
0101 W.....7:00pm- 9:30pm (LEF 1222) Broome, F

GEOG384 (PermReq) Internship in Geography; Grade Method: REG/P-F. Prerequisite: GEOG 305; and GEOG 310; and permission of department. Corequisite: GEOG 385. — 3 credits
0101 Time and room to be arranged Cirrincione, J

GEOG385 (PermReq) Internship Research Paper; Grade Method: REG/P-F/AUD. Prerequisite: GEOG 305; and GEOG 310; and permission of department. Corequisite: GEOG 384. — 3 credits
0101 Time and room to be arranged Cirrincione, J

GEOG398 (PermReq) Honors Research; Grade Method: REG/P-F/AUD. — 3 credits
0101 Time and room to be arranged Fonaroff, L

GEOG399 (PermReq) Honors Thesis; Grade Method: REG/P-F/AUD. — 3 credits
0101 Time and room to be arranged Fonaroff, L

GEOG410 Colonial North America; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (LEF 1221) Mitchell, R

GEOG440 Process Geomorphology; Grade Method: REG/AUD. Prerequisite: GEOG 340 or GEOL 340 or permission of department. — 3 credits
0101 M.....4:00pm- 6:30pm (LEF 1179) Leatherman, S

GEOG441 Geomorphological Environments; Grade Method: REG/P-F/AUD. Prerequisite: GEOG 201 or GEOL 100 or permission of department. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (LEF 2138H) Kearney, M

GEOG448 Field and Laboratory Techniques in Environmental Science; Grade Method: REG/P-F/AUD. Once a week plus all day field trip each Friday. — 3 credits
0101 Th.....2:00pm- 3:30pm (LEF 1179) Marcus, W
Time and room to be arranged DIS

GEOG458 The Social Geography of Metropolitan Areas; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. — 3 credits
0101 M.....7:00pm- 9:30pm (LEF 1179) Dahmann, D

GEOG471 Cartographic Production; Grade Method: REG/P-F/AUD. Prerequisite: GEOG 370. — 3 credits
0101 W.....2:00pm- 4:30pm (LEF 1138) Wiedel, J
Time and room to be arranged LAB

GEOG480 Advanced Remote Sensing; Grade Method: REG/P-F/AUD. Prerequisite: GEOG 372 or introductory remote sensing course in another department. — 3 credits
0101 W.....4:30pm- 7:00pm (LEF 1221) Goward, S

GEOG482 Geographic Information Systems; Grade Method: REG/P-F/AUD. Prerequisite: GEOG 373 or permission of department. — 3 credits
0101 MW.....4:00pm- 5:30pm (LEF 1124) Thompson, D

GEOG483 Survey of Computer Facilities for Geography and Urban Studies; Grade Method: REG/P-F/AUD. Restricted to graduate students in GEOG and URBS and undergraduate GEOG students. Section 0201 is for urban studies graduate students. — 1 credit
0101 Th.....4:00pm- 5:15pm (LEF 0227) Eney, A
0201 W.....6:30pm- 7:45pm (LEF 1208) Chang, W

GEOG498 (PermReq) Topical Investigations: Selected Topics; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

GEOG498B Topical Investigations: Biogeography; Grade Method: REG/P-F/AUD. — 3 credits
0101 Tu.....4:00pm- 6:30pm (LEF 2208) Prince, S

GEOG498C Topical Investigations: Coastal Processes; Grade Method: REG/P-F/AUD. — 3 credits
0101 Tu.....7:00pm- 9:30pm (LEF 1208) Nichols, R

GEOG498M (PermReq) Topical Investigations: Managing the Planet: Strategies for Protecting the Global Environment; Grade Method: REG/AUD. — 3 credits
0101 Th.....4:00pm- 6:30pm (LEF 1208) Miller, A

GEOG600 Introduction to Graduate Study in Geography; Grade Method: REG/AUD. — 3 credits
0101 Th.....4:30pm- 7:00pm (LEF 1179) Townshend, J

GEOG618 Seminar in Geomorphology; Grade Method: REG/AUD. — 3 credits
0101 Tu.....4:00pm- 6:30pm (LEF 1179) Kearney, M

GEOG679A Seminar in Urban Geography: American City: Past and Present; Grade Method: REG/AUD. — 3 credits
0101 W.....5:00pm- 7:30pm (LEF 1210) Groves, P

GEOG695 Spatial Models; Grade Method: REG/AUD. Prerequisite: GEOG 493 or equivalent; and GEOG 605 or equivalent. — 3 credits
0101 M.....6:30pm- 9:10pm (LEF 1124) Thompson, D

GEOG788 (PermReq) Selected Topics in Geography; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

GEOG789 (PermReq) Independent Readings; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

GEOG790 (PermReq) Internship in Geography; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

GEOG798 (PermReq) Independent Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

GEOG799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

GEOG899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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GEOL Geology (Comp, Math, & Phys Sci)

GEOL100 Physical Geology; Grade Method: REG/P-F/AUD. Credit will be granted for only one of the following: GEOL 100 or GEOL 101. CORE Distributive Studies Physical Science Laboratory Course only when taken concurrently with GEOL 110. USP Distributive Studies Area B Course. If taken with GEOL 110, course can be counted as USP Area B lab science requirement. — 3 credits
0201 MWF.....1:00pm- 1:50pm (HJP 0226) Stifel, P
0301 TuTh.....12:30pm- 1:45pm (HJP 0226) McLellan, E

GEOL101 Physical Geology for Science Students; Grade Method: REG. CORE Distributive Studies Physical Science Laboratory Course. USP Distributive Studies Area B Course. Credit will be granted for only one of the following: GEOL 100 or GEOL 101. — 4 credits
0101 MWF.....10:00am-10:50am (GEO 1120) McLellan, E
Th.....12:00pm- 3:00pm (GEO 2106) LAB

GEOL110 Physical Geology Laboratory; Grade Method: REG/P-F. Pre- or corequisite: GEOL 100 or GEOL 101. CORE Distributive Studies Physical Science Laboratory Course only when taken concurrently with GEOL 100. — 1 credit
0101 M.....9:00am-12:00pm (GEO 2106) LAB STAFF
0102 M.....1:00pm- 4:00pm (GEO 2106) LAB STAFF
0103 Tu.....12:00pm- 3:00pm (GEO 2106) LAB STAFF
0104 Tu.....3:00pm- 6:00pm (GEO 2106) LAB STAFF
0105 Tu.....6:00pm- 9:00pm (GEO 2106) LAB STAFF
0106 W.....9:00am-12:00pm (GEO 2106) LAB STAFF
0107 W.....1:00pm- 4:00pm (GEO 2106) LAB STAFF
0108 Th.....3:00pm- 6:00pm (GEO 2106) LAB STAFF
0109 Tu.....9:00am-12:00pm (GEO 2106) LAB STAFF

GEOL120 Environmental Geology; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Course. USP Distributive Studies Area B Course. — 3 credits
0101 MWF.....10:00am-10:50am (SYM 0200) Segovia, A

GEOL331 Invertebrate Paleontology; Grade Method: REG/P-F/AUD. Prerequisite: GEOL 102. — 4 credits
0101 MWF.....9:00am- 9:50am (HBK 0115) Stifel, P
M.....2:00pm- 5:00pm (GEO 2107) LAB

GEOL340 Geomorphology; Grade Method: REG/P-F/AUD. Two Saturday field trips. Prerequisites: GEOL 101 or [GEOL 100 and GEOL 110]. — 4 credits
0101 MWF.....1:00pm- 1:50pm (GEO 1120) Ridky, R
W.....2:00pm- 5:00pm (GEO 2107) LAB

GEOL393 Technical Writing for Geoscientists; Grade Method: REG/P-F/AUD. Prerequisites: ENGL 101 and completion of any two of the following and concurrent registration in the third: GEOL 341, GEOL 331 and GEOL 322. For GEOL majors only. — 3 credits
0101 Time and room to be arranged Stifel, P

GEOL394 Research Problems in Geology; Grade Method: REG/P-F/AUD. Prerequisite: GEOL 393. — 3 credits
0101 Time and room to be arranged Stifel, P

GEOL423 Optical Mineralogy; Grade Method: REG/P-F/AUD. Prerequisite: GEOL 322. — 3 credits
0101 Tu.....11:00am-12:00pm (GEO 2117) Wylie, A
Th.....8:00am-12:00pm (GEO 2117) LAB

GEOL446 Geophysics; Grade Method: REG/P-F/AUD. Prerequisite: PHYS 142. — 3 credits
0101 Tu.....6:00pm- 9:00pm (GEO 1120) Taylor, P

GEOL453 Economic Geology; Grade Method: REG/P-F/AUD. Prerequisite: GEOL 322. — 3 credits
0101 Time and room to be arranged STAFF

GEOL456 Engineering Geology; Grade Method: REG. Prerequisite: GEOL 341. — 3 credits
0101 MWF.....3:00pm- 3:50pm (GEO 1120) Segovia, A
W.....4:00pm- 6:00pm (GEO 2106) LAB

GEOL498 (PermReq) Special Problems in Geology; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

GEOL499C Special Problems in Geology: Clays and Clay Diagenesis; Grade Method: REG. — 3 credits
0101 TuTh.....8:00am- 9:15am (GEO 1120) Chang, L

GEOL622 Mineralogy of the Rock-Forming Silicates; Grade Method: REG/AUD. Prerequisite: GEOL 422 and CHEM 481 or equivalent. — 3 credits
0101 Time and room to be arranged Chang, L

GEOL641 (PermReq) Advanced Structural Geology; Grade Method: REG/AUD. — 3 credits
0101 TBA (GEO 2107) McLellan, E

GEOL656 Engineering and Environmental Geology; Grade Method: REG. — 3 credits
0101 MWF.....3:00pm- 3:50pm (GEO 1120) Segovia, A
W.....4:00pm- 6:00pm (GEO 2106) LAB

GEOL789C Recent Advances in Geology: Clays and Clay Diagenesis; Grade Method: REG. — 3 credits
0101 TuTh.....8:00am- 9:15am (GEO 1120) Chang, L

GEOL789I Recent Advances in Geology: Isotopes in Geology; Grade Method: REG/AUD. — 3 credits
0101 W.....8:30am-10:00am (GEO 2107) Walker, R
F.....8:30am-10:00am (GEO 1120)

GEOL798 (PermReq) Seminar in Geology; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1 credit

GEOL799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

GEOL899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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GERM German (Arts and Humanities)

GERM101 Elementary German I; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. — 4 credits
0101 MTuWF.....8:00am- 8:50am (JMZ 3205) STAFF
0201 MTuWF.....9:00am- 9:50am (JMZ 0204) STAFF
0301 MTuWF.....10:00am-10:50am (JMZ 0204) STAFF
0401 MTuWF.....11:00am-11:50am (JMZ 0204) STAFF
0501 MTuWF.....12:00pm-12:50pm (JMZ 0204) STAFF
0601 MTuWF.....1:00pm- 1:50pm (JMZ 0204) STAFF
0701 MTuWF.....2:00pm- 2:50pm (JMZ 0204) STAFF
0801 MWF.....9:00am- 9:50am (JMZ 2123) STAFF
Tu.....9:00am- 9:50am (JMZ 1224)

ENROLLMENT IN ALL GVPT COURSES WILL GENERALLY BE LIMITED TO TWO COURSES. THIS LIMITATION WILL NOT APPLY TO STUDENTS WHOSE CUMULATIVE CREDITS TOTAL 102 OR MORE BY THE END OF THE SPRING 1990 SEMESTER. REQUESTS TO REGISTER FOR MORE THAN TWO GVPT COURSES MUST BE APPROVED BY THE DEPARTMENT OF GOVERNMENT AND POLITICS.

0901 MWF.....11:00am-11:50am (HZF 1108) STAFF
Tu.....11:00am-11:50am (JMZ 0125)
1001 MWF.....10:00am-10:50am (JMZ 1123) STAFF
Tu.....10:00am-10:50am (JMZ 1224)

GERM102 Elementary German II; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisite: GERM 101 or equivalent. — 4 credits
0101 MWThF.....8:00am- 8:50am (JMZ 0204) STAFF
0201 MWF.....9:00am- 9:50am (JMZ 3205) STAFF
Th.....8:00am- 9:50am (JMZ 0204)
0301 MWF.....10:00am-10:50am (JMZ 1122) STAFF
Th.....10:00am-10:50am (JMZ 0204)
0401 MWF.....11:00am-11:50am (JMZ 1122) STAFF
Th.....11:00am-11:50am (JMZ 0204)
0501 MWF.....12:00pm-12:50pm (JMZ 1122) STAFF
Th.....12:00pm-12:50pm (JMZ 1117)
0601 MWF.....1:00pm- 1:50pm (JMZ 1122) STAFF
Th.....1:00pm- 1:50pm (JMZ 2207)

GERM103 Review of Elementary German; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisite: assignment either by placement examination or by the undergraduate director (Germanic Section). — 4 credits
0101 MWF.....9:00am- 9:50am (JMZ 0103) STAFF
Tu.....9:00am- 9:50am (JMZ 1117)
0201 MWF.....11:00am-11:50am (JMZ 2206) STAFF
Tu.....11:00am-11:50am (JMZ 1224)

GERM104 Intermediate German; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisite: GERM 102 or GERM 103 or equivalent. — 4 credits
0101 MWF.....9:00am- 9:50am (JMZ 1122) STAFF
Th.....9:00am- 9:50am (JMZ 0103)
0201 MWF.....10:00am-10:50am (JMZ 3205) STAFF
Th.....10:00am-10:50am (JMZ 1224)
0301 MWF.....11:00am-11:50am (JRN 1104) STAFF
Th.....11:00am-11:50am (JMZ 0125)
0401 MWF.....1:00pm- 1:50pm (JMZ 2123) STAFF
Th.....1:00pm- 1:50pm (JMZ 1117)

GERM141 Elementary Yiddish I; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. — 3 credits
0101 TuTh.....9:30am-10:45am (JMZ 3205) Bilik, D

GERM144 Intermediate Yiddish I; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisite: GERM 142 or equivalent. — 3 credits
0101 TuTh.....11:00am-12:15pm (JMZ 3207) Bilik, D

GERM165 Elementary Swedish I; Grade Method: REG/P-F/AUD. — 3 credits
0101 MWF.....11:00am-11:50am (JMZ 3205) STAFF

GERM211 Intermediate German Conversation; Grade Method: REG/P-F/AUD. — 3 credits
0101 MWF.....12:00pm-12:50pm (JMZ 3205) Frederiksen, E

GERM220 Introduction to German Literature; Grade Method: REG/P-F/AUD. USP Distributive Studies Area C Course. Prerequisite: GERM 114 or equivalent. May be taken concurrently with GERM 115. — 3 credits
0101 TuTh.....11:00am-12:15pm (JMZ 3205) Beicken, P

GERM280 German-American Cultural Contrast; Grade Method: REG/P-F/AUD. CORE Distributive Studies Humanities Course. USP Distributive Studies Area A Course. — 3 credits
0101 MWF.....10:00am-10:50am (MCB 1207) Pfister, G

GERM282 Germanic Mythology; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area A Course. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (JMZ 0220) Fleck, J

GERM301 Conversation and Composition I; Grade Method: REG/P-F/AUD. Prerequisite: GERM 115 or equivalent. — 3 credits
0101 MWF.....11:00am-11:50am (JMZ 3203) Fagan, S
0201 MWF.....12:00pm-12:50pm (JMZ 3203) Best, O

GERM302 Conversation and Composition II; Grade Method: REG/P-F/AUD. Prerequisite: GERM 301 or equivalent. — 3 credits
0101 MWF.....12:00pm-12:50pm (HJP 1229) Fagan, S

GERM321 Highlights of German Literature I; Grade Method: REG/P-F/AUD. Prerequisite: GERM 220 or equivalent. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (JMZ 3203) Strauch, G

GERM348A Yiddish Literature in Translation: Yiddish Culture - The Holocaust in Film and Literature; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. — 3 credits
0101 TuTh.....2:00pm- 4:00pm (JMZ 0220) Bilik, D

GERM369N Scandinavian Literature in Translation: The Scandinavian Novel; Grade Method: REG/P-F/AUD. — 3 credits
0101 M.....1:00pm- 3:40pm (JMZ 3207) Oster, R

GERM381 German Civilization I; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. — 3 credits
0101 MWF.....10:00am-10:50am (JMZ 3203) STAFF

GERM384 Germanic Chivalric Culture; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area A Course. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (JMZ 2206) Fleck, J

GERM389R Topics in Germanic Culture: Reason and Faith; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. — 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 3203) Best, O

GERM397H (PermReq) Honors Reading (Independent Study); Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Students must have instructor's permission before registering. — 3 credits

GERM401 Advanced Conversation; Grade Method: REG/P-F/AUD. Prerequisite: GERM 302 or equivalent. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (JMZ 3203) Beicken, P

GERM403 Advanced Composition; Grade Method: REG/P-F/AUD. Prerequisite: GERM 302 or equivalent. — 3 credits
0101 MWF.....11:00am-11:50am (TWS 2228) STAFF

GERM419P Selected Topics in German Language Study: German Phonetics; Grade Method: REG/P-F/AUD. — 3 credits
0101 MWF.....9:00am- 9:50am (JMZ 3203) Fagan, S

GERM421 Literature of the Middle Ages; Grade Method: REG/P-F/AUD. Prerequisite: GERM 321 and 322 or permission of department. — 3 credits
0101 TuTh.....3:30pm- 4:45pm (JMZ 3203) Strauch, G

GERM432 Junges Deutschland and Realism; Grade Method: REG/P-F/AUD. Prerequisite: GERM 321 and 322, or permission of department. — 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 3205) Frederiksen, E

GERM472 Introduction to Germanic Philology; Grade Method: REG/P-F/AUD. Prerequisites: GERM 115 and GERM 471, or equivalent. — 3 credits
0101 W.....1:00pm- 3:40pm (JMZ 3207) Oster, R

GERM489 Selected Topics in Germanic Area Studies: Berlin; Grade Method: REG/P-F/AUD. — 3 credits
0101 MWF.....2:00pm- 2:50pm (JMZ 1103) STAFF

GERM499 (PermReq) Directed Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

GERM611 College Teaching of German; Grade Method: REG/AUD. — 3 credits
0101 Time and room to be arranged Pfister, G

GERM621 Middle High German Literature I; Grade Method: REG/AUD. — 3 credits
0101 Tu.....5:00pm- 7:40pm (JMZ 3207) Strauch, G

GERM631 German Lyric Poetry; Grade Method: REG/AUD. — 3 credits
0101 Tu.....5:00pm- 7:40pm (JMZ 3203) Beicken, P

GERM798 (PermReq) Master's Independent Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits
0101: Beicken, Peter 0201: Best, Otto
0301: Bilik, Dorothy 0401: Fagan, Sarah
0501: Fleck, Jere 0601: Frederiksen, Elke
0801: Oster, Rose-Marie 0901: Pfister, Guenter 1001: Strauch, Gabraele

GERM799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

GERM829 Seminar: The 19th Century: Romantik; Grade Method: REG/AUD. — 3 credits
0101 M.....5:00pm- 7:40pm (JMZ 3207) Frederiksen, E

GERM889 Seminar in Germanic Area Studies: Nietzsche - Marx - Brecht; Grade Method: REG/AUD. — 3 credits
0101 W.....5:00pm- 7:40pm (JMZ 3207) Best, O

GERM898 (PermReq) Doctoral Independent Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

GERM899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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GNED General Education (Undergraduate Studies)

GNED100 The Anatomy of Knowing: the University and Its Curriculum; Grade Method: REG/P-F/AUD. Open to students with freshman and sophomore standing. — 3 credits
0101 MWF.....10:00am-10:50am (ARM 0112) McIntire, R
0201 MWF.....9:00am- 9:50am (ARM 0112) McIntire, R

GNED189A College Park Seminar: The Contemporary City; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (ARM 0118) Francescato, G

GNED189B College Park Seminar: Technology and Modernization of the American Home; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. — 3 credits
0101 TuTh.....9:30am-10:45am (ARM 0118) Paoletti, J

GNED189C College Park Seminar: Leisure and Technology; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. — 3 credits
0101 TuTh.....9:30am-10:45am (HHP 0301) Churchill, J

GNED189D College Park Seminar: Matters of Life and Death: Social and Ethical Impacts of Technology on Health Care; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (EGR 0102) Kaplan, B

GREK Greek (Arts and Humanities)

GREK101 Elementary Greek; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. A student who has had two units of Greek in high school may register for GREK 101 for purposes of review but not for credit. Classical and New Testament Greek. For modern Greek, see FOLA. — 3 credits
0101 MWF.....9:00am- 9:50am (HBK 1116) Hubbe, R
0201 MWF.....11:00am-11:50am (HBK 1108) Hubbe, R

GREK203 Intermediate Greek (Grammar and Reading); Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisites: GREK 101; and GREK 102 or equivalent. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (JMZ 2102) Jonnes, L

GREK406 Greek Epigraphy; Grade Method: REG/P-F/AUD. — 3 credits
0101 M.....6:00pm- 8:40pm (JMZ 1109) Hubbe, R

GREK499 (PermReq) Independent Study in Greek Language and Literature; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

GREK688 Special Topics in Greek Literature: Greek Epigraphy; Grade Method: REG/AUD. — 3 credits
0101 M.....6:00pm- 8:40pm (JMZ 1109) Hubbe, R

GREK699 (PermReq) Independent Study in Greek Literature: Greek Literature; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

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GVPT Government and Politics (Behavior & Social Sci)

GVPT100 Principles of Government and Politics; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D Course. — 3 credits
0101 M.....9:00am- 9:50am (ARC 0204) STAFF
M.....11:00am-11:50am (TAA 1122) DIS
0102 MW.....9:00am- 9:50am (ARC 0204) STAFF
F.....10:00am-10:50am (MTH 3418) DIS
0103 MW.....9:00am- 9:50am (ARC 0204) STAFF
F.....12:00pm-12:50pm (LEF 1220) DIS
0104 MW.....9:00am- 9:50am (ARC 0204) STAFF
F.....1:00pm- 1:50pm (ASY 3217) DIS
0105 MW.....9:00am- 9:50am (ARC 0204) STAFF
F.....2:00pm- 2:50pm (ASY 3221) DIS
0106 MW.....9:00am- 9:50am (ARC 0204) STAFF
F.....3:00pm- 3:50pm (LEF 1221) DIS
0107 MW.....9:00am- 9:50am (ARC 0204) STAFF
F.....10:00am-10:50am (COL 0102) DIS
0108 MW.....9:00am- 9:50am (ARC 0204) STAFF
F.....11:00am-11:50am (COL 0102) DIS
0201 TuTh.....12:30pm- 1:20pm (LEF 2205) STAFF
M.....9:00am- 9:50am (ZOP 1124) DIS
0202 TuTh.....12:30pm- 1:20pm (LEF 2205) STAFF
M.....10:00am-10:50am (ZOP 1124) DIS
0203 TuTh.....12:30pm- 1:20pm (LEF 2205) STAFF
M.....1:00pm- 1:50pm (ZOP 1124) DIS
0204 TuTh.....12:30pm- 1:20pm (LEF 2205) STAFF
M.....2:00pm- 2:50pm (ZOP 1124) DIS
0205 TuTh.....12:30pm- 1:20pm (LEF 2205) STAFF
Tu.....9:00am- 9:50am (PHY 4208) DIS
0206 TuTh.....12:30pm- 1:20pm (LEF 2205) STAFF
Tu.....11:00am-11:50am (JMZ 2123) DIS
0207 TuTh.....12:30pm- 1:20pm (LEF 2205) STAFF
Th.....11:00am-11:50am (ARM 0105) DIS
0208 TuTh.....12:30pm- 1:20pm (LEF 2205) STAFF
Th.....2:00pm- 2:50pm (ARM 0121) DIS

GVPT100H Principles of Government and Politics; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D Course. Limited to prospective general and government honors students. — 3 credits
0101 Tu.....12:30pm- 3:15pm (LEF 2123) Elkin, S
0201 Th.....12:30pm- 3:15pm (LEF 2123) Elkin, S

GVPT170 American Government; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D Course. — 3 credits
0101 MW.....10:00am-10:50am (SHM 2102) Ford, L
Th.....10:00am-10:50am (ARM 0105) DIS
0102 MW.....10:00am-10:50am (SHM 2102) Ford, L
Th.....11:00am-11:50am (JMZ 2207) DIS
0103 MW.....10:00am-10:50am (SHM 2102) Ford, L
Th.....1:00pm- 1:50pm (JMZ 0204) DIS
0104 MW.....10:00am-10:50am (SHM 2102) Ford, L
Th.....2:00pm- 2:50pm (JMZ 0204) DIS
0105 MW.....10:00am-10:50am (SHM 2102) Ford, L
F.....10:00am-10:50am (HZF 1102) DIS
0106 MW.....10:00am-10:50am (SHM 2102) Ford, L
F.....11:00am-11:50am (PHY 4220) DIS
0107 MW.....10:00am-10:50am (SHM 2102) Ford, L
F.....1:00pm- 1:50pm (MTH 0108) DIS
0108 MW.....10:00am-10:50am (SHM 2102) Ford, L
F.....2:00pm- 2:50pm (LEF 1222) DIS
0201 TuTh.....11:00am-11:50am (LEF 2205) Vietri, L
F.....2:00pm- 2:50pm (LEF 1221) DIS
0202 TuTh.....11:00am-11:50am (LEF 2205) Vietri, L
Tu.....4:00pm- 4:50pm (LEF 1221) DIS
0203 TuTh.....11:00am-11:50am (LEF 2205) Vietri, L
M.....9:00am- 9:50am (LEF 1221) DIS
0204 TuTh.....11:00am-11:50am (LEF 2205) Vietri, L
W.....12:00pm-12:50pm (LEF 1220) DIS
0205 TuTh.....11:00am-11:50am (LEF 2205) Vietri, L
W.....1:00pm- 1:50pm (LEF 1220) DIS
0206 TuTh.....11:00am-11:50am (LEF 2205) Vietri, L
Tu.....12:00pm-12:50pm (LEF 1208) DIS
0207 TuTh.....11:00am-11:50am (LEF 2205) Vietri, L
M.....12:00pm-12:50pm (LEF 1201) DIS
0208 TuTh.....11:00am-11:50am (LEF 2205) Vietri, L
F.....12:00pm-12:50pm (LEF 1201) DIS
0301 MW.....9:00am- 9:50am (ARM 0135) Bailey, M
M.....10:00am-10:50am (MTH 3418) DIS
0302 MW.....9:00am- 9:50am (ARM 0135) Bailey, M
F.....11:00am-11:50am (TYD 1136) DIS
0303 MW.....9:00am- 9:50am (ARM 0135) Bailey, M
M.....1:00pm- 1:50pm (ZOP 1234) DIS
0304 MW.....9:00am- 9:50am (ARM 0135) Bailey, M
M.....2:00pm- 2:50pm (ZOP 1234) DIS
0305 MW.....9:00am- 9:50am (ARM 0135) Bailey, M
Th.....3:00pm- 3:50pm (JMZ 0204) DIS
0306 MW.....9:00am- 9:50am (ARM 0135) Bailey, M
F.....1:00pm- 1:50pm (LEF 1220) DIS
0307 MW.....9:00am- 9:50am (ARM 0135) Bailey, M
F.....2:00pm- 2:50pm (LEF 1208) DIS
0308 MW.....9:00am- 9:50am (ARM 0135) Bailey, M
F.....3:00pm- 3:50pm (LEF 1208) DIS
0401 MWF.....12:00pm-12:50pm (LEF 1222) STAFF
0501 MWF.....1:00pm- 1:50pm (LEF 1222) STAFF
0601 MWF.....2:00pm- 2:50pm (LEF 1220) STAFF
0701 MWF.....10:00am-10:50am (LEF 1220) STAFF
0801 TuTh.....9:30am-10:45am (LEF 1222) STAFF
0901 TuTh.....12:30pm- 1:45pm (LEF 1222) STAFF
1001 TuTh.....11:00am-12:15pm (TWS 0138) STAFF
1101 TuTh.....12:30pm- 1:45pm (ASY 3215) STAFF

GVPT200 International Political Relations; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. Prerequisite: GVPT 100. Formerly GVPT 300. — 3 credits
0101 TuTh.....11:00am-11:50am (JMZ 0220) Haufler, V
Tu.....9:00am- 9:50am (TAA 1122) DIS
0102 TuTh.....11:00am-11:50am (JMZ 0220) Haufler, V
Th.....9:00am- 9:50am (TAA 1122) DIS
0103 TuTh.....11:00am-11:50am (JMZ 0220) Haufler, V
Tu.....10:00am-10:50am (TAA 1122) DIS
0104 TuTh.....11:00am-11:50am (JMZ 0220) Haufler, V
Th.....10:00am-10:50am (TAA 1122) DIS
0105 TuTh.....11:00am-11:50am (JMZ 0220) Haufler, V
Tu.....12:00pm-12:50pm (JMZ 0118) DIS
0106 TuTh.....11:00am-11:50am (JMZ 0220) Haufler, V
W.....1:00pm- 1:50pm (TYD 1114) DIS
0107 TuTh.....11:00am-11:50am (JMZ 0220) Haufler, V
Tu.....2:00pm- 2:50pm (TYD 1136) DIS
0201 MWF.....12:00pm-12:50pm (LEF 2166) Breckinridge, R

GVPT210 Introduction to Public Administration and Policy; Grade Method: REG/P-F/AUD. Prerequisite: GVPT 170. — 3 credits
0101 MWF.....12:00pm-12:50pm (LEF 2208) Imbroscio, D

GVPT231 Law and Society; Grade Method: REG/P-F/AUD. Prerequisite: GVPT 170. — 3 credits
0101 MWF.....10:00am-10:50am (LEF 2166) Fliter, J
0201 MWF.....11:00am-11:50am (TYD 1101) Unsinn, O

GVPT240 Political Ideologies; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisite: GVPT 100. — 3 credits
0101 MWF.....10:00am-10:50am (TYD 1101) Burack, C

GVPT260 State and Local Government; Grade Method: REG/P-F/AUD. Prerequisite: GVPT 170. — 3 credits
0101 TuTh.....8:00am- 9:15am (LEF 2208) Glendening, P

GVPT280 Comparative Politics and Governments; Grade Method: REG/P-F/AUD. Prerequisite: GVPT 100. — 3 credits
0101 TuTh.....9:30am-10:45am (LEF 2166) Starkey, B

GVPT282 The Government and Politics of the Third World; Grade Method: REG/P-F/AUD. Prerequisite: GVPT 100. See "What's New and Interesting." — 3 credits
0101 MWF.....1:00pm- 1:50pm (LEF 2208) Lanning, E

GVPT376A Applied Field Research in Government and Politics; Grade Method: REG/P-F/AUD. Prerequisite: GVPT 170. Corequisite: GVPT 377. Limited to Capitol Hill interns. — 6 credits
0101 Time and room to be arranged Lanning, E

GVPT377A Seminar For Academic Interns; Grade Method: REG/P-F/AUD. Prerequisite: GVPT 170. Corequisite: GVPT 376. Limited to Capitol Hill interns. — 3 credits
0101 M.....3:30pm- 6:15pm (LEF 2138H) Ramsay, M

GVPT386 Field Work; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Permission of instructor. — 1-3 credits

GVPT387 Field Work Analysis; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Permission of instructor. — 1-3 credits

GVPT388 Topical Investigations; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Permission of Director of Undergraduate Studies. — 3 credits

GVPT392H Honors Seminar in Public Law and Political Theory; Grade Method: REG/P-F/AUD. Prerequisite: admission to honors program. — 3 credits
0101 TuTh.....1:00pm- 2:15pm (LEF 2207) Butterworth, C

GVPT393H Honors Seminar in Public Policy, Political Behavior, and Methodology; Grade Method: REG/P-F/AUD. Prerequisite: admission to honors program. — 3 credits
0101 Th.....2:00pm- 4:45pm (LEF 2138H) Uslaner, E

GVPT396 (PermReq) Introduction to Honors Research; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: admission to and permission of GVPT Honors Program. — 3 credits

GVPT397 (PermReq) Honors Research; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: GVPT 396 and admission to GVPT honors program. — 3 credits

GVPT399A Seminar in Government and Politics: Politics and Economics of Europe; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (LEF 1221) Kaminski, B

GVPT399C Seminar in Government and Politics: Current Issues in Public Sector Managememt; Grade Method: REG/P-F/AUD. — 3 credits
0101 Th.....2:00pm- 4:45pm (TYD 1101) Vietri, L

GVPT399D Seminar in Government and Politics: Politics and Foreign Policy of Japan; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....11:00am-12:15pm (JMZ 0105) McNelly, T

GVPT399E Seminar in Government and Politics: Human Rights and the Holocaust; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....9:30am-10:45am (LEF 1201) STAFF

GVPT399F (PermReq) Seminar in Government and Politics: Workshop on Conflict and Peace Analysis; Grade Method: REG/P-F/AUD. Course limited to interns at the Center for International Development and Conflict Management. Permission of instructor. — 3 credits
0101 M.....3:00pm- 5:45pm (MIL 2138) Gurr, T

GVPT399H (PermReq) Seminar in Government and Politics: The Future of Politics; Grade Method: REG. Limited to general and government honor students. — 3 credits
0101 W.....3:00pm- 5:45pm (LEF 2138H) Soltan, K

GVPT402 International Law; Grade Method: REG/P-F/AUD. Prerequisite: GVPT 200. — 3 credits
0101 MWF.....11:00am-11:50am (LEF 2166) Piper, D

GVPT412 Public Financial Administration; Grade Method: REG/P-F/AUD. Prerequisite: GVPT 210. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (TYD 1102) Ranald, R

GVPT429A Problems in Political Behavior: Formal Theories of Politics; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....11:00am-12:15pm (LEF 1221) Lalman, D

GVPT429C Problems in Political Behavior: Testing Behavioral Theories in a Laboratory; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (LEF 2166) Oppenheimer, J

GVPT431 Introduction to Constitutional Law; Grade Method: REG/P-F/AUD. Prerequisite: GVPT 231. — 3 credits
0101 MWF.....11:00am-11:50am (TYD 1102) McCarrick, E

GVPT432 Civil Rights and the Constitution; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. Prerequisite: GVPT 231. — 3 credits
0101 Th.....6:30pm- 9:15pm (TLF 0124) Judson, J

GVPT441 History of Political Theory: Ancient and Medieval; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. Prerequisite: GVPT 100. — 3 credits
0101 MWF.....12:00pm-12:50pm (TYD 1102) Alford, C
0201 Th.....7:00pm- 9:45pm (LEF 2166) Stevens, D

GVPT442 History of Political Theory--Medieval to Recent; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. Prerequisite: GVPT 100. — 3 credits
0101 W.....7:00pm- 9:45pm (ZOP 1250) Stevens, D
0201 TuTh.....12:30pm- 1:45pm (HJP 2242) Terchek, R

GVPT443 Contemporary Political Theory; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. Prerequisite: GVPT 100. — 3 credits
0101 MW.....2:00pm- 3:15pm (LEF 2208) Glass, J
F.....9:00am- 9:50am (ASY 3221) DIS
0102 MW.....2:00pm- 3:15pm (LEF 2208) Glass, J
F.....10:00am-10:50am (ASY 3221) DIS
0103 MW.....2:00pm- 3:15pm (LEF 2208) Glass, J
F.....11:00am-11:50am (ASY 3221) DIS

GVPT451 Foreign Policy of the U.S.S.R.; Grade Method: REG/P-F/AUD. Prerequisite: GVPT 280 or GVPT 282. — 3 credits
0101 TuTh.....11:00am-12:15pm (LEF 2166) Petrou, L

GVPT453 Recent East Asian Politics; Grade Method: REG/P-F/AUD. Prerequisite: GVPT 280 or GVPT 282. — 3 credits
0101 TuTh.....9:30am-10:45am (LEF 1221) Hsueh, C

GVPT460 Problems in State and Local Government; Grade Method: REG/P-F/AUD. Prerequisite: GVPT 260. Section 0201 is linked to the Journalism Annapolis Reporting Bureau Program students. — 3 credits
0101 TuTh.....11:00am-12:15pm (TYD 1102) Reeves, M
0201 Time and room to be arranged Martino, A

ENROLLMENT IN ALL GVPT COURSES WILL GENERALLY BE LIMITED TO TWO COURSES. THIS LIMITATION WILL NOT APPLY TO STUDENTS WHOSE CUMULATIVE CREDITS TOTAL 102 OR MORE BY THE END OF THE SPRING 1990 SEMESTER. REQUESTS TO REGISTER FOR MORE THAN TWO GVPT COURSES MUST BE APPROVED BY THE DEPARTMENT OF GOVERNMENT AND POLITICS.

GVPT481 Metropolitan Government; Grade Method: REG/P-F/AUD. Prerequisite: GVPT 280. — 3 credits
0101 TuTh.....9:30am-10:45am (TYD 1101) — Marando, V

GVPT474 Political Parties; Grade Method: REG/P-F/AUD. Prerequisite: GVPT 170. — 3 credits
0101 TuTh.....9:30am-10:45am (ARM 0118) — Harrison, P

GVPT475 The Presidency and the Executive Branch; Grade Method: REG/P-F/AUD. Prerequisite: GVPT 170. — 3 credits
0101 TuTh.....11:00am-12:15pm (TLF 0124) — Davidson, R

GVPT479A Problems of American Public Policy: Politics of the Vietnam War; Grade Method: REG/P-F/AUD. — 3 credits
0101 Tu.....2:00pm- 4:45pm (TYD 1101) — Vietri, L

GVPT479B Problems of American Public Policy: Power, Poverty and Representation; Grade Method: REG/P-F/AUD. — 3 credits
0101 MW.....2:00pm- 3:15pm (LEF 1221) — Stone, C

GVPT481 Government and Administration of the Soviet Union; Grade Method: REG/P-F/AUD. Prerequisite: GVPT 280 or GVPT 282. — 3 credits
0101 M.....7:00pm- 9:45pm (TYD 1101) — Douse, G

GVPT486 Comparative Studies in European Politics; Grade Method: REG/P-F/AUD. Prerequisite: GVPT 280 or GVPT 282. — 3 credits
0101 TuTh.....11:00am-12:15pm (ASY 3203) — Tismaneanu, V

GVPT492 The Comparative Politics of Race Relations; Grade Method: REG/P-F/AUD. Prerequisite: GVPT 280 or GVPT 282. — 3 credits
0101 TuTh.....9:30am-10:45am (TYD 1102) — Heisler, M

GVPT622 Quantitative Methods For Political Science; Grade Method: REG/AUD. — 3 credits
0101 Th.....6:30pm- 9:15pm (LEF 2205) — Swistak, P

GVPT700 Scope and Method of Political Science; Grade Method: REG/AUD. — 3 credits
0101 M.....6:30pm- 9:15pm (LEF 2138H) — Alford, C

GVPT708 Seminar in International Relations Theory: Basic Field Seminar for Graduate Students; Grade Method: REG/AUD. — 3 credits
0101 Tu.....3:30pm- 6:15pm (LEF 2138H) — Phillips, W

GVPT710 Introduction to Graduate Study in Public Administration; Grade Method: REG/AUD. — 3 credits
0101 Th.....3:30pm- 6:15pm (LEF 2123) — Marando, V

GVPT729 Special Topics in Quantitative Political Analysis: Time Series Analysis; Grade Method: REG/AUD. — 3 credits
0101 W.....3:30pm- 6:30pm (LEF 2123) — Phillips, W

GVPT730 Methods of Formal Political Theory; Grade Method: REG/AUD. — 3 credits
0101 Tu.....6:30pm- 9:15pm (LEF 2138H) — Swistak, P

GVPT741 Political Theory; Grade Method: REG/AUD. See "What's New and Interesting." — 3 credits
0101 M.....6:30pm- 9:15pm (LEF 2123) — Glass, J

GVPT770 Seminar in American Political Institutions; Grade Method: REG/AUD. See "What's New and Interesting." — 3 credits
0101 Tu.....6:30pm- 9:15pm (LEF 2138) — Uslaner, E

GVPT799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

GVPT802 Seminar in International Law; Grade Method: REG/AUD. — 3 credits
0101 M.....6:30pm- 9:15pm (LEF 2138) — Piper, D

GVPT803 Seminar in International Political Organization; Grade Method: REG/AUD. — 3 credits
0101 W.....3:30pm- 6:15pm (LEF 2138) — Haufler, V

GVPT808B Selected Topics in Functional Problems in International Relations: East-West Relations; Grade Method: REG/AUD. — 3 credits
0101 Tu.....6:30pm- 9:15pm (LEF 2123) — Kaminski, B

GVPT808C Selected Topics in Functional Problems in International Relations: International Politics of Technology and Resources; Grade Method: REG/AUD. — 3 credits
0101 W.....6:30pm- 9:15pm (LEF 0135) — Pirages, D

GVPT810 Governmental Organization Theory; Grade Method: REG/AUD. — 3 credits
0101 Th.....6:30pm- 9:15pm (LEF 2123) — Ranald, R

GVPT828 Selected Problems in Political Behavior: The State and Economy; Grade Method: REG/AUD. — 3 credits
0101 W.....7:00pm- 9:45pm (LEF 2138H) — Soltan, K

GVPT831 Formal Theories of Politics; Grade Method: REG/AUD. Prerequisite: GVPT 730 or permission of instructor. — 3 credits
0101 Th.....3:30pm- 6:15pm (LEF 1222) — Lalman, D

GVPT841 Great Political Thinkers; Grade Method: REG/AUD. Prerequisite: GVPT 441. — 3 credits
0101 Tu.....6:30pm- 9:15pm (LEF 2207) — Terchek, R

GVPT842 Man and the State; Grade Method: REG/AUD. Prerequisite: GVPT 442. Taught by Charles Butterworth, Distinguished Scholar Teacher. — 3 credits
0101 Th.....6:30pm- 9:15pm (LEF 2207) — Butterworth, C

GVPT859 Selected Topics in Public Policy: Leadership and Agenda Making; Grade Method: REG/AUD. — 3 credits
0101 W.....6:30pm- 9:15pm (LEF 2207) — Stone, C

GVPT868A Problems of State and Local Government: State Institutions in the Policy Making Process; Grade Method: REG/AUD. — 3 credits
0101 Tu.....3:30pm- 6:15pm (LEF 2123) — Reeves, M

GVPT871 Seminar in Public Law; Grade Method: REG/AUD. — 3 credits
0101 M.....3:30pm- 6:15pm (LEF 2138) — McCarrick, E

GVPT876 Seminar in National Security Policy; Grade Method: REG/AUD. — 3 credits
0101 Tu.....3:30pm- 6:00pm (LEF 2166) — Quester, G

GVPT878 Problems in American Government and Politics: The Presidency; Grade Method: REG/AUD. — 3 credits
0101 Tu.....3:30pm- 6:15pm (LEF 2176) — Davidson, R

GVPT881 Comparative Governmental Institutions: Soviet Union; Grade Method: REG/AUD. — 3 credits
0101 Th.....6:30pm- 9:15pm (LEF 2138) — Clements, P

GVPT886 Comparative Governmental Institutions: Europe; Grade Method: REG/AUD. — 3 credits
0101 Th.....3:30pm- 6:15pm (LEF 2207) — Heisler, M

GVPT888 Selected Topics in Comparative Governmental Institutions: Civil Conflict: Theory and Research; Grade Method: REG/AUD. — 3 credits
0101 W.....3:30pm- 6:15pm (LEF 2176) — Gurr, T

GVPT889B Selected Topics in Area Problems in International Relations: Chinese Foreign Policy; Grade Method: REG/AUD. — 3 credits
0101 Tu.....3:30pm- 6:15pm (LEF 2138) — Hsueh, C

GVPT889C Selected Topics in Area Problems in International Relations: Soviet Political Culture; Grade Method: REG/AUD. — 3 credits
0101 Tu.....3:30pm- 6:15pm (LEF 2207) — Tismaneanu, V

GVPT889D Selected Topics in Area Problems in International Relations: Soviet Foreign Policy; Grade Method: REG/AUD. Course will be taught by Dr. L. Friedman. — 3 credits
0101 Th.....3:30pm- 6:15pm (JRN 1105) — STAFF

GVPT898 (PermReq) Readings in Government and Politics; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Permission of director of graduate studies. — 3 credits

GVPT899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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HEBR Hebrew (Arts and Humanities)

Students who have no knowledge of Hebrew should register for HEBR 111. Students who have studied Hebrew elsewhere are required to consult N. Levy for courses HEBR 211 and 212 or consult Professor Berlin on questions of placement above the HEBR 212 level.

HEBR111 Elementary Hebrew I; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. For beginners. This course meets six hours per week for 6 credits. — 6 credits
0101 MWF.....9:00am-11:00am (JMZ 2117) — Liberman, E
0201 MWF.....11:00am- 1:00pm (JMZ 2117) — Liberman, E
0301 MWF.....9:00am-11:00am (JMZ 1104) — Liberman, R
0401 MWF.....11:00am- 1:00pm (JMZ 1124) — Liberman, R
0501 MWF.....11:00am- 1:00pm (ARM 0118) — Liberman, R

HEBR211 Intermediate Hebrew I; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisite: HEBR 112 or equivalent. Individual testing required for placement first week of class. — 6 credits
0101 MWF.....9:00am-11:00am (JMZ 2206) — Levy, N

HEBR231 Jewish Literature in Translation; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. — 3 credits
0101 Tu.....7:00pm- 9:30pm (JMZ 2206) — Mintz, A

HEBR298D Special Topics in Jewish Studies: Modern Jewish Philosophy; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (JMZ 3205) — Mahekin, C

HEBR313 Conversation and Composition I; Grade Method: REG/P-F/AUD. Prerequisite: HEBR 212 or equivalent. — 3 credits
0101 TuTh.....11:00am-12:15pm (JMZ 1124) — Manekin, C

HEBR334 Hebrew Civilization (in English); Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. — 3 credits
0101 M.....2:00pm- 4:30pm (JMZ 2123) — Berlin, A

HEBR381 Advanced Conversation and Composition; Grade Method: REG/P-F/AUD. Prerequisite: HEBR 314 or permission of department. — 3 credits
0101 MWF.....11:00am-11:50am (JMZ 1125) — Levy, N

HEBR402 Introduction to Classical Hebrew II; Grade Method: REG/P-F/AUD. Prerequisite: HEBR 401 or equivalent. — 3 credits
0101 W.....2:00pm- 4:30pm (JMZ 2123) — Berlin, A

HEBR432 Contemporary Hebrew Literature; Grade Method: REG/P-F/AUD. Prerequisite: HEBR 314 or equivalent. — 3 credits
0101 Tu.....3:30pm- 6:00pm (JMZ 2117) — Mintz, A

HEBR498B Special Topics in Hebrew: Issues in Jewish Ethics and Law; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. — 3 credits
0101 TuTh.....9:30am-10:45am (JMZ 0105) — Manekin, C

HEBR498I (PermReq) Special Topics in Hebrew; Grade Method: REG. — 3 credits
0101 Time and room to be arranged — Levy, N

HEBR498J Special Topics in Hebrew: Studies in Hebrew; Grade Method: REG/P-F/AUD. — 3 credits
0101 Time and room to be arranged — Levy, N

HESP Hearing and Speech Sciences (Behavior & Social Sci)

HESP120 Introduction to Linguistics; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D Course. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (LEF 1201) — STAFF

HESP202 Introduction to Hearing and Speech Sciences; Grade Method: REG/P-F/AUD. Hearing and speech majors and non-majors. Course chairman: McCall, Gerald. — 3 credits
0101 MWF.....9:00am- 9:50am (LEF 2205) — STAFF

HESP300 Introduction to Psycholinguistics; Grade Method: REG/P-F/AUD. Prerequisite: HESP 202. — 3 credits
0101 TuTh.....11:00am-12:15pm (LEF 1201) — Ratner, N

HESP305 Anatomy and Physiology of the Speech Mechanism; Grade Method: REG/P-F/AUD. USP Distributive Studies Area B Course. Prerequisite: HESP 202. Course chairman: McCall, Gerald. — 3 credits
0101 MWF.....11:00am-11:50am (LEF 2208) — STAFF

HESP386 (PermReq) Field Work; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

HESP387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

HESP400 Speech and Language Development in Children; Grade Method: REG/P-F/AUD. Prerequisite: HESP 300. — 3 credits
0101 TuTh.....9:30am-10:45am (LEF 2208) — Yeni-Komshian,

HESP406 Speech Pathology III; Grade Method: REG/P-F/AUD. Prerequisite: HESP 303, HESP 305. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (LEF 1222) — Dingwall, W

HESP407 Bases of Hearing Science; Grade Method: REG/P-F/AUD. Prerequisite: HESP 311. — 3 credits
0101 Tu.....5:15pm- 7:45pm (LEF 1221) — STAFF

HESP411 Introduction to Audiology; Grade Method: REG/P-F/AUD. Prerequisite: HESP 311. — 3 credits
0101 MWF.....10:00am-10:50am (LEF 1201) — Baker, D

HESP417 Principles and Methods in Speech-Language Pathology and Audiology; Grade Method: REG/P-F/AUD. Prerequisite: HESP 402, HESP 411. — 3 credits
0101 MF.....1:00pm- 1:50pm (LEF 1201) — Cuyjet, C
W.....12:00pm- 1:50pm (LEF 1201) LAB

HESP498 Seminar: Sign Language for the Professional; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....8:00am- 9:15am (LEF 0135) — STAFF

HESP499 (PermReq) Independent Study: Topics in the Hearing and Speech Sciences; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

HESP604 (PermReq) Acoustical and Perceptual Phonetics; Grade Method: REG/AUD. Prerequisite: permission of department. — 3 credits
0101 M.....3:30pm- 6:00pm (LEF 0135) — Yeni-Komshian,

HESP606 Basic Hearing Measurements; Grade Method: REG/AUD. Prerequisite: HESP 411 or equivalent. — 3 credits
0101 F.....1:00pm- 3:30pm (LEF 0135) — Gordon-Salant,

HESP618 Language Disorders in Children; Grade Method: REG/AUD. Prerequisite: HESP 400 or equivalent or permission of department. — 3 credits
0101 Tu.....1:00pm- 3:30pm (LEF 0135) — Roth, F

HESP622 Neuromotor Disorders of Speech; Grade Method: REG/AUD. Prerequisite: permission of department. — 3 credits
0101 M.....1:00pm- 3:30pm (LEF 0135) — Dingwall, W

HESP624 Voice Disorders; Grade Method: REG/AUD. Prerequisite: permission of department. — 3 credits
0101 Th.....1:00pm- 3:30pm (LEF 0135) — McCall, G

HESP630 Electrophysiological Measurements; Grade Method: REG/AUD. Prerequisite: HESP 606 or permission of department. — 3 credits
0101 W.....3:30pm- 6:00pm (LEF 0135) — Baker, D

HESP638 (PermReq) Research Practicum; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

HESP648A Clinical Practice in Speech: Diagnostic Procedures; Grade Method: REG/AUD. Course chairman: Roth, Froma. — 1-3 credits
0101 Time and room to be arranged — STAFF

HESP648B Clinical Practice in Speech: Rehabilitation Procedures; Grade Method: REG/AUD. Course chairman: Roth. — 1-3 credits
0101 F.....12:00pm- 1:00pm (LEF 0135) — STAFF
0102 F.....12:00pm- 1:00pm (LEF 0135) — Cuyjet, C
0103 F.....12:00pm- 1:00pm (LEF 0135) — Rosenberg, K
0104 F.....12:00pm- 1:00pm (LEF 0135) — Daniel, J

HESP649A Clinical Practice in Audiology: Diagnostic Audiology; Grade Method: REG/AUD. Course chairman: Gordon-Salant. — 1-3 credits
0101 Time and room to be arranged — McCabe, M
0201 Time and room to be arranged — Smallets-Palmer

HESP649B Clinical Practice in Audiology: Aural Rehabilitation; Grade Method: REG/AUD. Course chairman: Gordon-Salant. — 1-3 credits
0101 Time and room to be arranged — Perlroth, L

HESP702 Diagnostic Procedures in Speech-Language Pathology; Grade Method: REG/AUD. — 3 credits
0101 W.....1:00pm- 3:30pm (LEF 0135) — Ratner, N

HESP706 Advanced Clinical Audiology; Grade Method: REG/AUD. Prerequisite: HESP 606 or equivalent. — 3 credits
0101 Th.....3:30pm- 6:00pm (LEF 0135) — Gordon-Salant,

HESP708 (PermReq) Independent Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

HESP728 Advanced Clinical Practice in Speech: Advanced Graduate Laboratory Practicum in Speech-Language Pathology; Grade Method: REG/AUD. — 1-8 credits
0101 Time and room to be arranged — STAFF

HESP729 Advanced Clinical Practice in Audiology: Advanced Graduate Laboratory Practicum in Audiology; Grade Method: REG/AUD. — 1-8 credits
0101 Time and room to be arranged — McCabe, M

HESP799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

HESP899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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HISP Historic Preservation (Architecture)

HISP600 (PermReq) Seminar in Historic Preservation; Grade Method: REG/AUD. — 3 credits
0101 M.....4:00pm- 6:00pm (KEY 0117) — STAFF
Time and room to be arranged DIS

HISP619 Special Topics in Historic Preservation: Historical Preservation in the Federal Government: History, Theory and Practice; Grade Method: REG/AUD. — 3 credits
0101 Tu.....7:00pm- 9:30pm (KEY 1118) — King, T

HISP700 (PermReq) Final Seminar in Historic Preservation; Grade Method: REG/AUD. — 3 credits
0101 Time and room to be arranged — STAFF

HIST History (Arts and Humanities)

HIST110 The Ancient World; Grade Method: REG/P-F/AUD. CORE Distributive Studies Humanities Course. USP Distributive Studies Area A Course. Formerly HIST 130. Discussion section will be assigned at first lecture. — 3 credits
0101 TuTh.....10:00am-10:50am (KEY 0106) — STAFF
Time and room to be arranged DIS

HIST111 The Medieval World; Grade Method: REG/P-F/AUD. CORE Distributive Studies Social or Political History Course. USP Distributive Studies Area A Course. Formerly HIST 131. Discussion section will be assigned at first lecture. — 3 credits
0101 MW.....11:00am-11:50am (KEY 0106) — Spiegel, G
Time and room to be arranged DIS

HIST112 The Rise of the West: 1500 - 1789; Grade Method: REG/P-F/AUD. CORE Distributive Studies Humanities Course. USP Distributive Studies Area A Course. Formerly HIST 132. Discussion section will be assigned at first lecture. — 3 credits
0101 MW.....12:00pm-12:50pm (KEY 0102) — Williams, W
Time and room to be arranged DIS

HIST113 Modern Europe: 1789 - Present; Grade Method: REG/P-F/AUD. CORE Distributive Studies Social or Political History Course. USP Distributive Studies Area A Course. Formerly HIST 133. Discussion section will be assigned at first lecture. — 3 credits
0101 TuTh.....2:00pm- 2:50pm (KEY 0102) — Harris, J
Time and room to be arranged DIS
0201 MW.....9:00am- 9:50am (KEY 0102) — Rogers, D
Time and room to be arranged DIS

HIST120 Islamic Civilization; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Formerly HIST 280. Discussion sections assigned at first lecture. — 3 credits
0101 MW.....3:00pm- 3:50pm (KEY 0102) — Venzke, M
Time and room to be arranged DIS

HIST122 African Civilization; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Formerly HIST 290. — 3 credits
0101 TuTh.....9:30am-10:45am (KEY 0103) — Perinbam, B

HIST150 History of the United States to 1865; Grade Method: REG/P-F/AUD. CORE Distributive Studies Social or Political History Course. USP Distributive Studies Area A Course. Discussion sections will be assigned at first lecture. — 3 credits
0101 MW.....1:00pm- 1:50pm (KEY 0106) — McCusker, J
Time and room to be arranged DIS
0201 TuTh.....2:00pm- 2:50pm (KEY 0106) — STAFF
Time and room to be arranged DIS
0301 MW.....10:00am-10:50am (KEY 0106) — Bradbury, M
Time and room to be arranged DIS
0401 TuTh.....11:00am-11:50am (KEY 0106) — Evans, E
Time and room to be arranged DIS
0501 MW.....12:00pm-12:50pm (KEY 0106) — STAFF
Time and room to be arranged DIS

HIST157 History of the United States Since 1865; Grade Method: REG/P-F/AUD. CORE Distributive Studies Social or Political History Course. USP Distributive Studies Area D Course. — 3 credits
0101 TuTh.....11:00am-11:50am (KEY 0102) — Gilbert, J
Time and room to be arranged DIS
0201 MW.....10:00am-10:50am (KEY 0102) — Ridgway, W
Time and room to be arranged DIS
0301 MW.....11:00am-11:50am (KEY 0102) — Moss Jr., A
Time and room to be arranged DIS
0401 TuTh.....9:00am- 9:50am (KEY 0106) — Shulman, N
Time and room to be arranged DIS

HIST175 Science and Technology in World History; Grade Method: REG/P-F/AUD. CORE Distributive Studies Social or Political History Course. USP Distributive Studies Area A Course. Formerly HIST 201. Discussion section will be assigned at first class session. — 3 credits
0101 TuTh.....1:00pm- 1:50pm (KEY 0106) — Friedel, R
Time and room to be arranged DIS

HIST178B Biography in History: Black Leaders of the Twentieth Century; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....11:00am-12:15pm (KEY 0125) — Harlan, L

HIST210 Women in America to 1880; Grade Method: REG/P-F/AUD. CORE Distributive Studies Social or Political History Course. USP Distributive Studies Area A Course. Discussion sections will be assigned at first lecture. — 3 credits
0101 MW.....1:00pm- 1:50pm (KEY 0102) — Muncy, R
Time and room to be arranged DIS

HIST214H (PermReq) Pre-honors Colloquium in Early American History; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisite: permission of department. Permission of department or Director of Honors Program required. — 3 credits
0101 MW.....11:00am-12:15pm (KEY 2119) — Belz, H

HIST224 Modern Military History, 1494-1815; Grade Method: REG/P-F/AUD. — 3 credits
0101 MW.....1:00pm- 1:50pm (JMZ 0220) — Trask, D
Time and room to be arranged DIS

HIST234 History of Britain to 1485; Grade Method: REG/P-F/AUD. CORE Distributive Studies Social or Political History Course. USP Distributive Studies Area A Course. Discussion sections will be assigned at first lecture. — 3 credits
0101 TuTh.....9:00am- 9:50am (KEY 0102) — Cockburn, J
Time and room to be arranged DIS

HIST236 History of Britain 1688 to Present; Grade Method: REG/P-F/AUD. CORE Distributive Studies Social or Political History Course. USP Distributive Studies Area A Course. Discussion section assigned at first lecture. — 3 credits
0101 MW.....9:00am- 9:50am (TLF 0124) — Kuhn, W
Time and room to be arranged DIS

HIST237 Russian Civilization; Grade Method: REG/P-F/AUD. CORE Distributive Studies Social or Political History Course. CORE Distributive Studies Cultural Diversity Course. USP Distributive Studies Area A Course. Discussion sections assigned first class meeting. — 3 credits
0101 TuTh.....10:00am-10:50am (KEY 1117) — Majeska, G
Time and room to be arranged DIS

HIST250 Latin American History I; Grade Method: REG/P-F/AUD. CORE Distributive Studies Social or Political History Course. CORE Distributive Studies Cultural Diversity Course. USP Distributive Studies Area A Course. Discussion sections assigned first class meeting. — 3 credits
0101 MW.....10:00am-10:50am (KEY 1117) — Warren, J
Time and room to be arranged DIS

HIST255 Afro-American History; Grade Method: REG/P-F/AUD. — 3 credits
0101 MW.....2:00pm- 3:15pm (KEY 0126) — Moss Jr., A

HIST262 History of the Jewish People I; Grade Method: REG/P-F/AUD. CORE Distributive Studies Social or Political History Course. USP Distributive Studies Area A — 3 credits

Course. Discussion section will be assigned at first lecture.
0101 TuTh.....10:00am-10:50am (KEY 0102) Cooperman, B
Time and room to be arranged DIS

HIST284 East Asian Civilization I; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Discussion section will be assigned first class lecture. 3 credits
0101 TuTh.....12:00pm-12:50pm (KEY 0102) Thompson, R
Time and room to be arranged DIS

HIST306 History of Religion in America; Grade Method: REG/P-F/AUD. 3 credits
0101 MW.....12:30pm- 1:45pm (KEY 0103) Bradbury, M

HIST308A Proseminar in Historical Writing: History of Women in United States; Grade Method: REG/P-F/AUD. 3 credits
0101 W.....3:00pm- 5:00pm (KEY 0120) Muncy, R
Time and room to be arranged DIS

HIST308B Proseminar in Historical Writing: Tudor - Stuart England; Grade Method: REG/P-F/AUD. 3 credits
0101 Tu.....3:00pm- 5:00pm (KEY 0117) Breslow, M
Time and room to be arranged DIS

HIST308C Proseminar in Historical Writing: US History 1860 - 1900; Grade Method: REG/P-F/AUD. 3 credits
0101 Tu.....2:00pm- 4:00pm (KEY 1118) Nicklason, F
Time and room to be arranged DIS

HIST308F Proseminar in Historical Writing: Modern European History; Grade Method: REG/P-F/AUD. 3 credits
0101 M.....1:00pm- 3:00pm (KEY 0107) Rogers, D
Time and room to be arranged DIS

HIST309I Proseminar in Historical Writing: Was Stalin Necessary?; Grade Method: REG/P-F/AUD. 3 credits
0101 M.....2:00pm- 4:00pm (KEY 1118) Foust, C
Time and room to be arranged DIS

HIST309K Proseminar in Historical Writing: Medieval Europe; Grade Method: REG/P-F/AUD. 3 credits
0101 W.....2:00pm- 4:00pm (KEY 0107) Spiegel, G
Time and room to be arranged DIS

HIST309S Proseminar in Historical Writing: United States History from 1860-1960; Grade Method: REG/P-F/AUD. 3 credits
0101 M.....2:00pm- 4:00pm (KEY 0117) Smead, H

HIST312A Crisis and Change in the United States: The Changing Urban Scene; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. 3 credits
0101 MWF.....9:00am- 9:50am (KEY 0106) Flack, J

HIST312B Crisis and Change in the United States: Dynamics of Federal Indian Policies; Grade Method: REG/AUD. USP Advanced Studies Analysis of Human Problems Course. 3 credits
0101 TuTh.....9:30am-10:45am (KEY 0116) Nicklason, F

HIST316A Crisis and Change in Latin America: Slavery and Race Relations in Latin America; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. 3 credits
0101 TuTh.....11:00am-12:15pm (KEY 0116) Wright, W

HIST319B Special Topics in History: Egypt: A History; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....9:30am-10:45am (KEY 0124) Stowasser, K

HIST319C (PermReq) Special Topics in History: Swedish History; Grade Method: REG/P-F/AUD. Contact Dr. Olson for details. 3 credits
0101 Sa.....9:30am-11:30am (Arranged) Olson, K

HIST324 Classical Greece; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....2:00pm- 3:15pm (KEY 0126) STAFF

HIST326 The Roman Republic; Grade Method: REG/P-F/AUD. 3 credits
0101 MW.....11:00am-12:15pm (KEY 0103) Eckstein, A

HIST330 Medieval Civilization I; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....12:30pm- 1:45pm (KEY 1117) Rutenburg, J

HIST334 The Age of Absolutism, 1600-1715; Grade Method: REG/P-F/AUD. 3 credits
0101 MW.....9:30am-10:45am (KEY 0107) Williams, W

HIST344 The Russian Revolutions of 1917; Grade Method: REG/P-F/AUD. 3 credits
0101 MW.....11:00am-12:15pm (KEY 1117) Foust, C

HIST351 Social History of Washington, D.C.; Grade Method: REG/P-F/AUD. 3 credits
0101 MWF.....11:00am-11:50am (KEY 0116) Flack, J

HIST360 American Colonial History; Grade Method: REG/P-F/AUD. 3 credits
0101 MW.....12:30pm- 1:45pm (KEY 1117) Olson, A

HIST362 The Formative Period in America, 1789-1824; Grade Method: REG/P-F/AUD. 3 credits
0101 MW.....12:30pm- 1:45pm (KEY 0126) Ridgway, W

HIST365 The Progressive Period: the United States, 1898-1919; Grade Method: REG/P-F/AUD. 3 credits
0101 MW.....2:00pm- 3:15pm (KEY 1117) Olson, K

HIST374 Modern Jewish History I: the Road to Emancipation, 1650-1870; Grade Method: REG/P-F/AUD. 3 credits
0101 MW.....9:30am-10:45am (KEY 0126) Shaw, P

HIST390 Middle East I; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....11:00am-12:15pm (KEY 0103) Stowasser, K

HIST395 Honors Colloquium I; Grade Method: REG/P-F/AUD. 3 credits
0101 Tu.....1:00pm- 3:00pm (KEY 0107) Grimsted, D
Time and room to be arranged DIS

HIST398 Honors Thesis; Grade Method: REG/P-F/AUD. See Director of History Honors program during first week of classes. 3 credits
0101 Th.....3:00pm- 3:50pm (KEY 1118) Grimsted, D
Time and room to be arranged DIS

HIST406 History of Technology; Grade Method: REG/AUD. USP Advanced Studies Development of Knowledge Course. Not open to students who have completed HIST 407 prior to Fall Semester, 1989. 3 credits
0101 TuTh.....9:30am-10:45am (KEY 0126) Friedel, R

HIST419A Special Topics in History: France During the Old Regime 1660-1789; Grade Method: REG/P-F/AUD. 3 credits
0101 MW.....12:30pm- 1:45pm (KEY 0116) Sutherland, D

HIST419B Special Topics in History: Women In Africa; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....2:00pm- 3:15pm (KEY 0124) Perinbam, B

HIST419E Special Topics in History: History of Renassance and Reformation; Grade Method: REG/P-F/AUD. 3 credits
0101 MW.....11:00am-12:15pm (KEY 0126) Flynn, M

HIST419H (PermReq) Special Topics in History: Crisis in the Rule of Laws; Grade Method: REG/P-F/AUD. Honors section: for department Honors and General Honors. 3 credits
0101 MW.....2:00pm- 3:15pm (KEY 0119) Belz, H

HIST424 History of Russia to 1801; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....12:30pm- 1:45pm (KEY 0116) Majeska, G

HIST430 Tudor England; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....11:00am-12:15pm (KEY 0126) Breslow, M

HIST443 Modern Balkan History; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....2:00pm- 3:15pm (KEY 0125) Lampe, J

HIST452 Diplomatic History of the United States to 1914; Grade Method: REG/P-F/AUD. 3 credits
0101 MW.....10:00am-10:50am (KEY 0116) Cole, W
F.....10:00am-10:50am (KEY 2119) DIS
0102 MW.....10:00am-10:50am (KEY 0116) Cole, W
F.....11:00am-11:50am (KEY 2119) DIS

HIST456 History of Ideas in America to 1865; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....9:30am-10:45am (KEY 0125) Grimsted, D

HIST458 Selected Topics in Women's History: Victorian Women; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....12:30pm- 1:45pm (KEY 0103) Gullickson, G

HIST460 History of Labor in the United States; Grade Method: REG/P-F/AUD. 3 credits
0101 MW.....9:30am-10:45am (KEY 0103) Kaufman, S

HIST462 The Civil War; Grade Method: REG/P-F/AUD. 3 credits
0101 MW.....2:00pm- 3:15pm (KEY 0116) STAFF

HIST467 History of Maryland; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....12:30pm- 1:45pm (KEY 0126) Callcott, G

HIST472 History of the Argentine Republic; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....2:00pm- 3:15pm (KEY 0119) Wright, W

HIST474 History of Mexico and Central America I; Grade Method: REG/P-F/AUD. 3 credits
0101 MW.....2:00pm- 3:15pm (KEY 0103) Warren, J

HIST480 History of Traditional China; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....2:00pm- 3:15pm (KEY 0103) Thompson, R

HIST482 History of Japan to 1800; Grade Method: REG/P-F/AUD. 3 credits
0101 MW.....2:00pm- 3:15pm (KEY 0125) STAFF

HIST499 Independent Study; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

HIST600 Historiography; Grade Method: REG/AUD. 3 credits
0101 Tu.....7:00pm- 9:00pm (KEY 2119) Grimsted, D
Time and room to be arranged DIS

HIST602 General Seminar: American History; Grade Method: REG/AUD. 3 credits
0101 Th.....4:00pm- 6:00pm (KEY 2119) Henretta, J
Time and room to be arranged DIS
0201 M.....6:00pm- 8:00pm (KEY 2119) Callcott, G
Time and room to be arranged DIS

HIST603 General Seminar: European History; Grade Method: REG/AUD. 3 credits
0101 W.....4:00pm- 6:00pm (KEY 1118) Sutherland, D
Time and room to be arranged DIS

HIST605 The Teaching of History in Institutions of Higher Learning; Grade Method: REG. 1 credit
0101 Time and room to be arranged Farrell, R

HIST606 Seminar in the History and Philosophy of Science and Technology; Grade Method: REG/AUD. Also offered as PHIL 650. Credit will be granted for only one of the following: HIST 606 or PHIL 650. 3 credits
0101 Th.....1:00pm- 3:30pm (KEY 2119) Brush, S

HIST618 Readings in the History of Women; Grade Method: REG/AUD. 3 credits
0101 Tu.....4:00pm- 6:00pm (KEY 1118) Gullickson, G
Time and room to be arranged DIS

HIST619A Special Topics in History: Readings in the History of Crime and Punishment; Grade Method: REG/AUD. 3 credits
0101 Th.....4:00pm- 6:00pm (LEF 1210) Cockburn, J
Time and room to be arranged DIS

HIST619B (PermReq) Special Topics in History: Independent Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

HIST619C Special Topics in History: Readings in Late Medieval/Early Modern/Social History; Grade Method: REG/AUD. 3 credits
0101 W.....2:00pm- 4:00pm (KEY 0117) Flynn, M
Time and room to be arranged DIS

HIST619D Special Topics in History: Greek Historiography; Grade Method: REG/AUD. 3 credits
0101 M.....4:00pm- 6:00pm (KEY 0107) Eckstein, A
Time and room to be arranged DIS

HIST619E Special Topics in History: Rethinking Afro-American Slavery on Mainland North America; Grade Method: REG/AUD. Taught bt Ira Berlin, Distinguished Scholar Teacher. 3 credits
0101 M.....4:00pm- 6:00pm (JMZ 2102) Berlin, I
Time and room to be arranged DIS

HIST628 Readings in Colonial American History; Grade Method: REG/AUD. 3 credits
0101 M.....4:00pm- 6:00pm (KEY 2119) Olson, A
Time and room to be arranged DIS

HIST659 Readings in American Cultural and Intellectual History; Grade Method: REG/AUD. 3 credits
0101 Th.....4:00pm- 6:00pm (KEY 1118) Gilbert, J
Time and room to be arranged DIS

HIST669 Readings in the Economic History of the United States; Grade Method: REG/AUD. 3 credits
0101 M.....4:00pm- 6:00pm (KEY 3111) McCusker, J
Time and room to be arranged DIS

HIST679 Readings in the History of American Foreign Policy; Grade Method: REG/AUD. 3 credits
0101 W.....7:00pm- 9:00pm (KEY 2119) Cole, W
Time and room to be arranged DIS

HIST718 Readings in Medieval History: The Order of Medieval Society: Construct and Reality (Western Europe AD 900-1300); Grade Method: REG/AUD. 3 credits
0101 Tu.....4:00pm- 6:00pm (KEY 2119) Bedos-Rezak, B
Time and room to be arranged DIS

HIST729 Readings in Modern European History; Grade Method: REG/AUD. 3 credits
0101 W.....3:00pm- 5:00pm (KEY 2119) Kent, G
Time and room to be arranged DIS

HIST749 Readings in German History, 1815 to the Present; Grade Method: REG/AUD. 3 credits
0101 Th.....7:00pm- 9:00pm (KEY 2119) Harris, J
Time and room to be arranged DIS

HIST758 Readings in Eastern European History; Grade Method: REG/AUD. 3 credits
0101 Tu.....4:00pm- 6:00pm (KEY 0107) Lampe, J
Time and room to be arranged DIS

HIST779 Readings in Middle Eastern History; Grade Method: REG/AUD. 3 credits
0101 Time and room to be arranged Stowasser, K

HIST798 Readings in Jewish History; Grade Method: REG/AUD. 3 credits
0101 Tu.....4:00pm- 6:00pm (LEF 1210) Cooperman, B
Time and room to be arranged DIS

HIST799 Master's Thesis Research; Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

HIST857 Seminar in the Social and Cultural History of Europe; Grade Method: REG/AUD. 3 credits
0101 M.....4:00pm- 6:00pm (KEY 0121) Matossian, M
Time and room to be arranged DIS

HIST879 Seminar in the American Revolution and Formative Period; Grade Method: REG/AUD. 3 credits
0101 Th.....4:00pm- 6:00pm (KEY 0107) Evans, E
Time and room to be arranged DIS

HIST893 (PermReq) Seminar in the Economic History of the United States; Grade Method: REG/AUD. 3 credits
0101 Time and room to be arranged McCusker, J

HIST898 Seminar in Recent American History; Grade Method: REG/AUD. 3 credits
0101 M.....4:00pm- 6:00pm (KEY 1118) Harlan, L
Time and room to be arranged DIS

HIST899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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HLTH Health (Hlth & Human Performance)

HLTH105 Science and Theory of Health; Grade Method: REG/P-F/AUD. 2 credits
0101 TuTh.....10:00am-10:50am (HHP 1303) Hyde, D

HLTH106 Drug Use and Abuse; Grade Method: REG/P-F/AUD. 3 credits
0101 MWF.....9:00am- 9:50am (HHP 1312) Scaffa, M
0201 TuTh.....9:30am-10:45am (HHP 0302) Beck, K
0301 Th.....7:00pm- 9:40pm (HHP 1312) Thomas, S

HLTH140 Personal and Community Health; Grade Method: REG/P-F/AUD. 3 credits
0101 MWF.....10:00am-10:50am (HHP 1301) Reynolds, M
0201 MWF.....11:00am-11:50am (HHP 1301) Reynolds, M
0301 TuTh.....11:00am-12:15pm (HHP 1303) Howley, M
0401 TuTh.....12:30pm- 1:45pm (HHP 0302) Hodges, B
0501 TuTh.....2:00pm- 3:15pm (HHP 0308) Luxenberg, D

HLTH150 First Aid and Emergency Medical Services; Grade Method: REG/P-F/AUD. 2 credits
0301 M.....8:00am- 9:40am (HHP 0302) Swift, R
0601 W.....8:00am- 9:40am (HHP 0302) Swift, R

HLTH230 Introduction to Health Behavior; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D Course. 3 credits
0101 TuTh.....2:00pm- 3:15pm (HHP 0302) Hyde, D

HLTH285 Controlling Stress and Tension; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D Course. 3 credits
0101 MWF.....11:00am-11:50am (HHP 1312) Schiraldi, G
0201 MWF.....12:00pm-12:50pm (HHP 1312) Schiraldi, G
0301 TuTh.....12:30pm- 1:45pm (HHP 1312) Allen, R
0401 Tu.....4:15pm- 6:45pm (HHP 1312) Allen, R
0501 W.....4:15pm- 6:45pm (HHP 1312) Greenberg, J

HLTH340 Curriculum, Instruction and Observation; Grade Method: REG/P-F/AUD. Prerequisite: HLTH 140; and HLTH 420. 3 credits
0101 MW.....10:00am-10:50am (HHP 0301) Schaffer, M
Time and room to be arranged LAB

HLTH371 Communicating Safety and Health; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....11:00am-12:15pm (HHP 0301) Beck, K

HLTH377 Human Sexuality; Grade Method: REG/P-F/AUD. Students with credit in HLTH 477 not eligible. 3 credits
0101 MWF.....1:00pm- 1:50pm (HHP 1312) Sawyer, R
0201 W.....7:00pm- 9:45pm (HHP 1312) Sawyer, R

HLTH386 (PermReq) Field Work; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

HLTH387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

HLTH390 Organization and Administration of School Health Programs; Grade Method: REG/P-F/AUD. Prerequisite: HLTH 105. 3 credits
0101 TuTh.....12:30pm- 1:45pm (HHP 0301) Klos, D

HLTH450 Health of Children and Youth; Grade Method: REG/P-F/AUD. 3 credits
0101 MWF.....12:00pm-12:50pm (HHP 0302) Sawyer, R

HLTH471 Women's Health; Grade Method: REG/P-F/AUD. Recommended for junior and senior women. 3 credits
0101 TuTh.....11:00am-12:15pm (HHP 1302) Alexander, L

HLTH476 Death Education; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. 3 credits
0101 TuTh.....2:00pm- 3:15pm (HHP 1312) Leviton, D

HLTH487 Adult Health and Developmental Program; Grade Method: REG/P-F/AUD. 3 credits
0101 Sa.....8:30am- 1:00pm (CDL 0100) Leviton, D

HLTH489 (PermReq) Field Laboratory Projects and Workshop; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

HLTH498C (PermReq) Special Topics in Health: Principles and Methods of Community Health Education; Grade Method: REG/P-F/AUD. 3 credits
0101 MF.....1:00pm- 1:50pm (HHP 0301) Desmond, S
W.....1:00pm- 4:00pm (HHP 0301) LAB

HLTH498I (PermReq) Special Topics in Health: Internship in Community Health; Grade Method: REG/P-F/AUD. 3 credits
0101 Time and room to be arranged Desmond, S

HLTH498M Special Topics in Health: Microcomputer Applications in Health Education; Grade Method: REG/AUD. 3 credits
0101 W.....4:15pm- 6:45pm (HHP 1304) Klos, D

HLTH498P Special Topics in Health: Community Health Issues for Minority Populations; Grade Method: REG/P-F/AUD. 3 credits
0101 Th.....4:15pm- 6:45pm (HHP 1301) Thomas, S

HLTH498T Special Topics in Health: Ways of Knowing About Human Stress and Tension; Grade Method: REG. USP Advanced Studies Development of Knowledge Course. Prerequisite: HLTH 285. Student must present instructor with unofficial transcript showing proof of taking HLTH 285 at first class meeting. 3 credits
0101 M.....7:00pm-10:00pm (HHP 0307) Schiraldi, G

HLTH600 Seminar in Health; Grade Method: REG/AUD. 1 credit
0101 Meets 09/10/90 - 11/06/90 Gold, R
M.....4:15pm- 8:00pm (HHP 0302)

HLTH665 Health Behavior I; Grade Method: REG/AUD. Limited to health education majors; others require permission of instructor. 3 credits
0101 W.....4:15pm- 6:45pm (HHP 0303) Feldman, R

HLTH688 (PermReq) Special Problems in Health Education; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

HLTH688P Special Problems in Health Education: Community Health Issues for Minority Populations; Grade Method: REG/AUD. 3 credits
0101 Th.....4:15pm- 6:45pm (HHP 1301) Thomas, S

HLTH688T Special Problems in Health Education: Stress and Stress Control; Grade Method: REG/AUD. 3 credits
0101 Th.....4:15pm- 6:45pm (HHP 0302) Allen, R

HLTH688Y Special Problems in Health Education: Seminar in Women's Health; Grade Method: REG/AUD. 3 credits
0101 W.....7:00pm- 9:40pm (HHP 0301) Alexander, L

HLTH710 Methods and Techniques of Research; Grade Method: REG/AUD. 3 credits
0101 Tu.....4:15pm- 6:45pm (HHP 1303) Gold, R

HLTH780 Applied Principles of Health Education; Grade Method: REG/AUD. Prerequisite: HLTH 665 or permission of department. 3 credits
0101 Tu.....4:15pm- 6:45pm (HHP 0301) Greenberg, J

HLTH785 Internship in Health Education; Grade Method: REG/AUD. Prerequisites: [HLTH 665; and HLTH 775; and HLTH 780]; or permission of department. 3 credits
0101 Time and room to be arranged Clearwater, H

HLTH799 (PermReq) Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

HLTH899 (PermReq) Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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HONR Honors (Undergraduate Studies)

All HONR courses are open to students enrolled in University Honors and/or Departmental Honors programs and to others by permission of the Director of University Honors. Detailed descriptions of University Honors seminars can be found in the course description brochure available in the Honor's Office, 0110 Hornbake Library, x2532. All Honors courses require approval prior to registration.

HONR100 (PermReq) Freshman Honors Colloquium; Grade Method: S-F. Prerequisite: permission of University Honors Program. Course open only to Fall 1990 freshman honors students. 1 credit
0101 M.....11:00am-12:30pm (HBK 0108) DIS Lawrence, J
0201 M.....1:00pm- 2:30pm (EGR 0102) DIS Lawrence, J
0301 M.....2:00pm- 3:30pm (ARM 0118) DIS Lawrence, J
0401 M.....3:00pm- 4:30pm (EGR 0102) DIS Lawrence, J
0501 M.....4:00pm- 5:30pm (HBK 0108) DIS Lawrence, J
0601 M.....4:00pm- 5:30pm (ZOP 1234) DIS Lawrence, J
0701 Tu.....3:30pm- 5:00pm (EGR 0102) DIS Lawrence, J
0801 W.....11:00am-12:30pm (HBK 0108) DIS Lawrence, J
0901 W.....2:00pm- 3:30pm (EGR 0102) DIS Lawrence, J
1001 W.....4:00pm- 5:30pm (HBK 0125) DIS Lawrence, J
1101 W.....5:00pm- 6:30pm (HBK 0117) DIS Lawrence, J
1201 W.....5:00pm- 6:30pm (HBK 0108) DIS Lawrence, J
1301 Th.....3:30pm- 5:00pm (EGR 0102) DIS Lawrence, J
1401 M.....4:00pm- 5:30pm (ZOP 1124) DIS Lawrence, J
1501 M.....3:00pm- 4:30pm (CLB 0109) DIS Lawrence, J
1601 Th.....11:00am-12:30pm (GEO 1120) DIS Lawrence, J

HONR118A (PermReq) Freshman Honors Colloquium: Cultural and Historical: In Search of Ancient Astronomies; Grade Method: REG. CORE Distributive Studies Humanities Course. CORE Distributive Studies Cultural Diversity Course. USP Distributive Studies Area A Course. 3 credits
0101 W.....6:00pm- 9:00pm (HBK 0125) Carlson, J
0102 Tu.....6:00pm- 9:00pm (ZOP 1236) Carlson, J

HONR128A (PermReq) Freshman Honors Colloquium: Natural Sciences and Mathematics: Science and Psuedoscience: An Investigative Approach; Grade Method: REG. CORE Distributive Studies Math or Formal Reasoning Course. USP Distributive Studies Area B Course. 3 credits
0101 Tu.....2:00pm- 4:30pm (HBK 0125) DIS Denman III, D

HONR128C (PermReq) Freshman Honors Colloquium: Natural Science and Mathematics: Natural Science of Maryland; Grade Method: REG. CORE Distributive Studies Life Science Course. USP Distributive Studies Area B Course. 3 credits
0101 M.....3:00pm- 6:00pm (HBK 0117) Messersmith, D

HONR128D (PermReq) Freshman Honors Colloquim: Natural Science and Mathematics: General Chemistry for Honors Students; Grade Method: REG. CORE Distributive Studies Physical Science Laboratory Course. USP Distributive Studies Area B Course. 4 credits
0101 TuTh.....1:00pm- 3:00pm (GEO 1120) Bellama, J
Tu.....3:00pm- 6:00pm (Arranged) DIS

HONR138A (PermReq) Freshman Honors Colloquium: Literature and the Arts: Classical Mythology and the Arts; Grade Method: REG. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. 3 credits
0101 Tu.....9:30am-12:00pm (TLF 2137) DIS Coogan, R

HONR138B (PermReq) Freshman Honors Colloquium: Literature and the Arts: Images of Masculinity in the Twentieth Century American Literature ; Grade Method: REG. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. — 3 credits
0101 Tu.....3:30pm- 6:00pm (HBK 0123) DIS O'Sullivan, S

HONR138C (PermReq) Freshman Honors Colloquium: Literature and the Arts: Thanatos - The Many Meanings of Death; Grade Method: REG. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. — 3 credits
0101 W.....2:00pm- 4:30pm (HBK 0108) DIS Fertziger, A

HONR138D (PermReq) Freshman Honors Colloquium: Literature and the Arts: The Story: In Short; Grade Method: REG. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (HBK 0108) DIS Ancekewicz, E

HONR138E (PermReq) Freshman Honors Colloquium: Literature and the Arts: Art and Vision; Grade Method: REG. CORE Distributive Studies Arts Course. USP Distributive Studies Area C Course. — 3 credits
0101 Th.....12:00pm- 3:00pm (ASY 2314) DIS Niese, H

HONR148B (PermReq) Freshman Honors Colloquium: Social and Behavioral Sciences: Culture and Gender: Conflict Between the Sexes; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. CORE Distributive Studies Cultural Diversity Course. USP Distributive Studies Area D Course. — 3 credits
0101 Tu.....7:00pm- 9:30pm (HBK 1108) DIS Tobin, M

HONR148C (PermReq) Freshman Honors Colloquium: Social and Behavioral Scineces: Women and Mental Illness; Grade Method: REG. CORE Distributive Studies Cultural Diversity Course. USP Distributive Studies Area D Course. — 3 credits
0101 Th.....12:30pm- 3:00pm (JMZ 2120) Weinstein-Alber

HONR148D (PermReq) Freshman Honors Colloquium: Social and Behavioral Sciences: Technology in a World Economy; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D Course. — 3 credits
0101 MW.....3:00pm- 4:30pm (EGR 1124) DIS Dieter Jr., G

HONR148E (PermReq) Freshman Honors Colloquium: Social and Behavioral Sciences: Science, Technology and the Third World; Grade Method: REG. CORE Distributive Studies Cultural Diversity Course. USP Distributive Studies Area D Course. — 3 credits
0101 Tu.....6:00pm- 8:30pm (HBK 0125) DIS Ponnamperuma, C

HONR148X (PermReq) Freshman Honors Colloquium: Social and Behavioral Sciences: Science, Technology and Human Values; Grade Method: REG. USP Distributive Studies Area D Course. — 3 credits
0101 M.....3:00pm- 5:30pm (HBK 0125) STAFF

HONR318A (PermReq) Honors Seminar: Cultural and Historical: America in Vietnam; Grade Method: REG. USP Distributive Studies Area A Course. — 3 credits
0101 Tu.....6:00pm- 9:00pm (HBK 0123) Straw, P

HONR338B (PermReq) Honors Seminar: Literature and the Arts: Dostoevsky and Socrates: A Critique of Western Civilization; Grade Method: REG. USP Distributive Studies Area C Course. — 3 credits
0101 M.....3:00pm- 5:30pm (JMZ 1122) DIS Berry, T

HONR338C (PermReq) Honors Seminar: Literature and the Arts: Ideology and Discourse in Contemporary Latin America; Grade Method: REG. USP Distributive Studies Area C Course. — 3 credits
0101 Th.....2:00pm- 4:30pm (JMZ 0208) Sanjines, J

HONR348A (PermReq) Honors Seminar: Social and Behavioral Sciences: Alternatives to Violence; Grade Method: REG. USP Distributive Studies Area D Course. — 3 credits
0101 W.....7:00pm- 9:30pm (HBK 0117) DIS McCarthy, C

HONR348B (PermReq) Honors Seminar: Social and Behavioral Sciences: The Rise of the East; Grade Method: REG. USP Distributive Studies Area D Course. — 3 credits
0101 M.....1:00pm- 3:30pm (SYM 2109) DIS Matossian, M

HONR368A (PermReq) Honors Seminar: Development of Knowledge: Private Lives: Learning about Maryland's Literature and History through Personal Records; Grade Method: REG. USP Advanced Studies Development of Knowledge Course. — 3 credits
0101 M.....1:00pm- 3:30pm (HBK 0108) DIS Beauchamp, V

HONR368B (PermReq) Honors Seminar: Development of Knowledge: Great Ideas in the History of Computer Science; Grade Method: REG. USP Advanced Studies Development of Knowledge Course. — 3 credits
0101 TuTh.....11:00am-12:15pm (HBK 1116) DIS Edmundson, H

HONR368C (PermReq) Honors Seminar: Development of Knowledge: Crisis in the Rule of Law: American Constitutionalism from the Founding to the Bicentennial; Grade Method: REG. USP Advanced Studies Development of Knowledge Course. — 3 credits
0101 MW.....2:00pm- 3:15pm (KEY 0119) Belz, H

HONR368D (PermReq) Honors Seminar: Development of Knowledge: Anthropology as Science and as Fiction; Grade Method: REG. USP Advanced Studies Development of Knowledge Course. Taught by Dr. Nancie Gonzalez, Distinguished Scholar Teacher. — 3 credits
0101 Tu.....2:00pm- 4:30pm (HBK 0108) Gonzalez, N

HONR368E (PermReq) Honors Seminar: Development of Knowledge: The Fundamentals of Architecture; Grade Method: REG. USP Advanced Studies Development of Knowledge Course. Taught by Dr. Richard Etlin, Distinguished Scholar Teacher. — 3 credits
0101 TuTh.....9:30am-10:45am (ARC 1127) Etlin, R

HONR368F (PermReq) Honors Seminar: Development of Knowledge: The Evolving Ideas of Artists; Grade Method: REG. USP Advanced Studies Development of Knowledge Course. Anne Truitt is a Distinguished Scholar Teacher. — 3 credits
0101 M.....9:00am-12:00pm (ASY 4306) Truitt, A

HONR370 (PermReq) Honors Thesis or Project; Grade Method: S-F. Available only to University honors students. — 3-6 credits
0101 Th.....4:00pm- 5:00pm (HBK 0108) DIS STAFF

HONR378A (PermReq) Honors Seminar: Analysis of Human Problems: What Do We Need to Know as Citizens of a Republic?; Grade Method: REG. USP Advanced Studies Analysis of Human Problems Course. Taught by Dr. Charles Butterworth, Distinguished Scholar Teacher. — 3 credits
0101 TuTh.....1:00pm- 2:15pm (LEF 2207) DIS Butterworth, C

HONR378B (PermReq) Honors Seminar: Analysis of Human Problems: Do Institutions Make a Difference?; Grade Method: REG. USP Advanced Studies Analysis of Human Problems Course. — 3 credits
0101 Th.....2:00pm- 4:45pm (LEF 2138H) Uslaner, E

HONR378C (PermReq) Honors Seminar: Analysis of Human Problems: The Brain: Superconductor or a Window to the Soul?; Grade Method: REG. USP Advanced Studies Analysis of Human Problems Course. — 3 credits
0101 M.....2:00pm- 4:30pm (HBK 0123) Shamma, S

HONR378D (PermReq) Honors Seminar: Analysis of Human Problems: Workers and Slaves: The American Working Class from the Revolution to World War I; Grade Method: REG. USP Advanced Studies Analysis of Human Problems Course. Taught by Dr. Ira Berlin, Distinguished Scholar Teacher. — 3 credits
0101 W.....3:00pm- 5:30pm (HBK 0123) Berlin, I

HONR379 (PermReq) Honors Independent Study; Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number. Available only to University honors students. — 1-6 credits

HONR379A (PermReq) Honors Independent Study: Writing Workshop; Grade Method: S-F. Students may register for more than 3 credits with permission of instructor. Writing workshops may be repeated, for a total of 6 credits, with permission of the instructor. — 3-6 credits
0101 Th.....2:00pm- 5:00pm (HBK 0123) DIS Retallack, J
0201 Th.....6:30pm- 9:30pm (HBK 0108) DIS Retallack, J

HORT Horticulture (Agriculture)

HORT160 Introduction to Landscape Architecture; Grade Method: REG/P-F/AUD. USP Distributive Studies Area C Course. — 3 credits
0101 TuTh.....3:30pm- 4:45pm (HJP 0226) Scarfo, R

HORT201 Environmental Factors and Horticultural Crop Production; Grade Method: REG/P-F/AUD. Prerequisite: BIOL 105. — 4 credits
0101 TuTh.....9:00am-10:15am (HZF 1101) Deitzer, G
Tu.....2:00pm- 5:00pm (HAR 1105) LAB

HORT271 Plant Propagation; Grade Method: REG/P-F/AUD. Prerequisite: BIOL 105. — 3 credits
0101 TuTh.....6:00pm- 6:50pm (HZF 1102) Gouin, F
Th.....2:00pm- 5:00pm (HAR 1105) LAB
0102 TuTh.....6:00pm- 6:50pm (HZF 1102) Gouin, F
Tu.....7:00pm-10:00pm (HAR 1105) LAB

HORT381 Principles of Landscape Design; Grade Method: REG/P-F/AUD. Prerequisite: HORT 260; and APDS 101. — 3 credits
0101 Tu.....1:00pm- 4:00pm (HZF 2106) LAB Scarfo, R
Th.....1:00pm- 3:00pm (HZF 2106) LAB

HORT386 (PermReq) Field Work; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

HORT387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

HORT398 Seminar; Grade Method: REG/P-F/AUD. Prerequisite: senior standing. Horticulture majors only. — 1 credit
0101 W.....4:00pm- 4:50pm (HZF 0128B) Quebedeaux, B

HORT399 (PermReq) Special Problems; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 2 credits

HORT433 Technology of Fruit and Vegetable Production; Grade Method: REG/P-F/AUD. Prerequisite: HORT 201; and HORT 202; and HORT 271; and AGRO 411. Corequisite: HORT 271 and BOTN 441. Recommended: AGRO 302. 60 semester hours. Junior standing. Credit will be granted for only one of the following: HORT 411, HORT 422, or HORT 433. Compulsory 4 all-day Saturday laboratories to be arranged. — 4 credits
0101 MW.....10:00am-11:15am (HZF 1102) McClurg, C
Time and room to be arranged LAB

HORT453 Woody Plant Materials I; Grade Method: REG/P-F/AUD. Prerequisite: BOTN 212. — 3 credits
0101 MF.....1:00pm- 1:50pm (SYM 0200) Mityga, M
W.....1:00pm- 4:00pm (HZF 0128B) LAB

HORT462 Urban Landscape Design; Grade Method: REG/P-F/AUD. Prerequisite: HORT 361 and either HORT 453 or HORT 454. Corequisite: HORT 452. — 4 credits
0101 M.....2:00pm- 2:50pm (HZF 2106) Pihlak, M
M.....3:00pm- 5:00pm (HZF 2106) LAB
W.....2:00pm- 4:00pm (HZF 2106) LAB

HORT465 Landscape Structures and Materials; Grade Method: REG/P-F/AUD. Prerequisite: HORT 464. — 3 credits
0101 M.....10:00am-10:50am (HZF 0128B) Hamed, S
M.....11:00am-12:50pm (HZF 2106) LAB
W.....10:00am-10:50am (HZF 2106) LAB

HORT682 Methods of Horticultural Research; Grade Method: REG/AUD. — 3 credits
0101 M.....8:00am- 9:50am (HZF 1101) Solomos, T
W.....1:00pm- 5:00pm (HZF 1125) LAB

HORT689K Special Topics in Horticulture: Horticulture Biotechnology; Grade Method: REG/AUD. Assisted by Dr. Harry Swartz. — 1 credit
0101 Th.....4:00pm- 4:50pm (HZF 1102) Deitzer, G

HORT699 (PermReq) Special Problems in Horticulture; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

HORT782 Chemical Regulation of Growth of Horticultural Plants; Grade Method: REG/AUD. Prerequisite: BOTN 441. — 3 credits
0101 TuTh.....8:00am- 9:15am (HZF 1102) Quebedeaux, B

HORT798 Advanced Seminar; Grade Method: SATISFACTORY/AUDIT. — 1 credit
0101 M.....4:00pm- 4:50pm (HZF 0128B) Bouwkamp, J

HORT799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

HORT899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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HSAD Housing and Design (Arts and Humanities)

HSAD210 Presentation Techniques I; Grade Method: REG/P-F/AUD. Prerequisite: APDS 103 or equivalent. For interior design majors only. Attendance is mandatory. — 3 credits
0101 TuTh.....4:30pm- 7:00pm (MMH 1108) STAFF

HSAD246 Materials of Interior Design; Grade Method: REG/P-F/AUD. Prerequisite: APDS 103 or equivalent. For interior design majors only. Attendance is mandatory. — 3 credits
0101 MWF.....9:00am- 9:50am (MMH 1304) Hoover, B

HSAD340 Period Homes and Their Furnishings; Grade Method: REG/P-F/AUD. Prerequisite: APDS 103 or permission of department. For interior design and advertising design majors only. Attendance is mandatory. — 3 credits
0101 MW.....4:00pm- 5:15pm (MMH 1400) STAFF

HSAD342 Space Development; Grade Method: REG/P-F/AUD. Prerequisites: HSAD 210; and HSAD 246. Attendance is mandatory. — 3 credits
0101 TuTh.....1:30pm- 4:00pm (MMH 1108) LAB STAFF

HSAD343 Interior Design I; Grade Method: REG/P-F/AUD. Prerequisite: HSAD 342. For interior design majors only. Attendance is mandatory. — 3 credits
0101 MW.....11:00am- 1:30pm (MMH 1108) LAB STAFF

HSAD344 Interior Design II; Grade Method: REG/P-F/AUD. Prerequisite: HSAD 343. For interior design majors only. Attendance is mandatory. — 3 credits
0101 TuTh.....11:00am- 1:30pm (MMH 1108) LAB STAFF

HSAD345 Professional Aspects of Interior Design; Grade Method: REG/P-F/AUD. Prerequisite: HSAD 343. For interior design majors only. Attendance is mandatory. Offered Fall only. — 3 credits
0101 W.....10:00am-11:00am (MMH 2407A) Hoover, B
F.....10:00am-11:30am (MMH 2407A)

HSAD362 Ideas in Design; Grade Method: REG/P-F/AUD. CORE Distributive Studies Arts Course. Junior standing. Attendance is mandatory. — 3 credits
0101 MW.....2:00pm- 3:15pm (ASY 2309) Bonta, J

HSAD386 (PermReq) Field Work; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Must be taken concurrently with HSAD 387. Portfolio review and written consent of instructor required. — 1-3 credits

HSAD387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Must be taken concurrently with HSAD 386. Portfolio review and written consent of instructor required. — 1-3 credits

HSAD440 Interior Design III; Grade Method: REG/P-F/AUD. Prerequisite: HSAD 344. For interior design majors only. Attendance is mandatory. — 4 credits
0101 Meets 09/04/90 - 10/19/90 Fabiano, F
MWF.....1:30pm- 5:30pm (MMH 1108)

HSAD441 Interior Design IV; Grade Method: REG/P-F/AUD. Prerequisite: HSAD 440. For interior design majors only. Attendance is mandatory. — 4 credits
0101 Meets 10/22/90 - 12/11/90 Fabiano, F
MWF.....1:30pm- 5:30pm (MMH 1108)

HSAD488A (PermReq) Selected Topics in Housing and Interior Design: Computer Application in Space Design; Grade Method: REG/P-F/AUD. Not restricted to interior design majors. Prerequisite: HSAD 342, HSAD 488C or permission of instructor. Attendance is mandatory. — 3 credits
0101 Tu.....10:30am- 1:00pm (MMH 1413A) Francescato, G
Th.....10:30am- 1:00pm (MMH 1413A)

HSAD488B (PermReq) Selected Topics in Housing and Interior Design: Interior Design Emphasis; Grade Method: REG/P-F/AUD. Attendance is mandatory. — 1-6 credits
0101 Time and room to be arranged STAFF
0301 Time and room to be arranged STAFF
0401 Time and room to be arranged Chen, A

HSAD488C Selected Topics in Housing and Interior Design: Introduction to Computer Graphics; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....11:00am-12:15pm (LEF 1222) Chen, A

HSAD499A (PermReq) Individual Study in Housing and/or Interior Design; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3-4 credits

HSAD499B (PermReq) Individual Study in Housing and/or Interior Design; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3-4 credits

HSAD658G Special Topics in Housing and Interior Design: Urban and Suburban Housing: Design and Planning; Grade Method: REG/AUD. — 3 credits
0101 TuTh.....4:00pm- 5:15pm (MMH 2407A) Francescato, G

ITAL Italian (Arts and Humanities)

A booklet fully describing the courses to be offered is available in the office of the Department of French and Italian, Room 3106 of the Juan Ramon Jimenez building.

ITAL101 Elementary Italian I; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Credit will be granted for only one of the following: ITAL 101 or ITAL 121. — 4 credits
0101 MWF.....9:00am- 9:50am (JMZ 0122) STAFF
Tu.....9:00am- 9:50am (JMZ 0122)
0201 MWF.....10:00am-10:50am (JMZ 0122) STAFF
Tu.....10:00am-10:50am (JMZ 0122)
0301 MWF.....11:00am-11:50am (JMZ 2125) STAFF
Tu.....11:00am-11:50am (JMZ 0118)
0401 MWF.....12:00pm-12:50pm (JMZ 0118) STAFF
Tu.....12:00pm-12:50pm (JMZ 2122)
0501 MTuWF.....1:00pm- 1:50pm (JMZ 0118) STAFF
0601 MWF.....11:00am-11:50am (EDU 3315) STAFF
Tu.....11:00am-11:50am (EDU 3315)

ITAL102 Elementary Italian II; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisite: ITAL 101 or permission of department. — 4 credits
0101 MWF.....9:00am- 9:50am (JMZ 2125) STAFF
Th.....9:00am- 9:50am (JMZ 0122)
0201 MWF.....10:00am-10:50am (JMZ 2123) STAFF
Th.....10:00am-10:50am (JMZ 2120)
0301 MWF.....12:00pm-12:50pm (SYM 1308) STAFF
Th.....12:00pm-12:50pm (JMZ 0118)

ITAL121 Accelerated Italian I; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Credit will be granted for only one of the following: ITAL 101 or ITAL 121. — 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 2122) Amodeo, S

ITAL121H Accelerated Italian I; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Credit will be granted for only one of the following: ITAL 101 or ITAL 121. Honors. — 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 2122) Amodeo, S

ITAL203 Intermediate Italian; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisite: ITAL 102 or permission of department. Credit will be granted for only one of the following: ITAL 203 or ITAL 122. — 4 credits
0101 MWThF.....11:00am-11:50am (JMZ 0118) STAFF
0201 MWF.....12:00pm-12:50pm (JMZ 2125) Amodeo, S
Th.....12:00pm-12:50pm (JMZ 0204)

ITAL204 Review Grammar and Composition; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisite: ITAL 203 or ITAL 122, or permission of department. — 3 credits
0101 MWF.....11:00am-11:50am (JMZ 2123) Falvo, G

ITAL251 Introduction to Italian Literature; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. Prerequisite: ITAL 204 or ITAL 211 or permission of department. — 3 credits
0101 MWF.....10:00am-10:50am (JMZ 3120) Russell, C

ITAL311 Italian Conversation: Current Events; Grade Method: REG/P-F/AUD. Prerequisite: ITAL 211 or permission of department. — 3 credits
0101 MWF.....11:00am-11:50am (JMZ 2122) Russell, C

ITAL351 Italian Literature From Dante to the Renaissance; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. Prerequisite: ITAL 251 or permission of department. In Italian. — 3 credits
0101 MWF.....9:00am- 9:50am (JMZ 2122) Russell, C

ITAL376 The Italian Opera Libretto in Translation; Grade Method: REG/P-F/AUD. USP Distributive Studies Area C Course. Credit will be granted for only one of the following: ITAL 376 or ITAL 476. — 3 credits
0101 MWF.....10:00am-10:50am (JMZ 2125) Russell, C

ITAL399 (PermReq) Directed Study in Italian; Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number. Supervised work under professor of student's choice with consent of instructor. — 1-3 credits

ITAL471 Italian Cinema: A Cultural Approach; Grade Method: REG/P-F/AUD. Credit will be granted for only one of the following: ITAL 471 or ITAL 472. Formerly ITAL 475. — 3 credits
0101 MW.....2:00pm- 4:00pm (JMZ 0105) Falvo, G

ITAL472 Italian Cinema: A Cultural Approach - in Italian; Grade Method: REG/P-F/AUD. Credit will be granted for only one of the following: ITAL 471 or ITAL 472. Meets one extra hour per week. See department of details. — 3 credits
0101 MW.....2:00pm- 4:00pm (JMZ 0105) Falvo, G
F.....2:00pm- 2:50pm (JMZ 0122)

ITAL476 The Italian Opera Libretto - in Italian; Grade Method: REG/P-F/AUD. Credit will be granted for only one of the following: ITAL 476 or ITAL 376. — 3 credits
0101 MWF.....10:00am-10:50am (JMZ 2125) Russell, C

IVSP Individual Studies Program (Undergraduate Studies)

IVSP318 (PermReq) Individual Studies; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-15 credits

IVSP319 (PermReq) Tutorial Report; Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number. — 1 credit

IVSP320 (PermReq) Bachelor's Report; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

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JAPN Japanese (Arts and Humanities)

JAPN101 Elementary Japanese I; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Non-majors admitted only after placement interview. — 6 credits
0101 MWF.....9:00am-11:00am (JMZ 0120) Ramsey, S
0102 MWF.....9:00am-11:00am (HZF 1108) Sano, T
0201 MWF.....11:00am- 1:00pm (HZF 1108) Yaginuma, K
0202 MWF.....11:00am- 1:00pm (JMZ 0120) Miura, E
0203 MWF.....11:00am- 1:00pm (CHE 2116) STAFF

JAPN201 Intermediate Spoken Japanese I; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisite: JAPN 102 or equivalent. Corequisite: JAPN 202. — 3 credits
0101 MWF.....9:00am- 9:50am (JMZ 2102) Yaginuma, K
0201 MWF.....9:00am- 9:50am (JMZ 1123) Miura, E

JAPN202 Intermediate Written Japanese I; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisite: JAPN 102 or equivalent. Corequisite: JAPN 201. — 3 credits
0101 MWF.....10:00am-10:50am (JMZ 1215) Miura, E

JAPN301 Advanced Japanese I; Grade Method: REG/P-F/AUD. Prerequisites: JAPN 203; and JAPN 204 or equivalent. — 3 credits
0101 MWF.....11:00am-11:50am (JMZ 2102) Ramsey, S

JAPN303 Business Japanese I; Grade Method: REG/P-F/AUD. Prerequisite: JAPN 203; and JAPN 204 or equivalent. — 3 credits
0101 MWF.....10:00am-10:50am (JMZ 1125) Yaginuma, K

JAPN386 (PermReq) Field Work; Grade Method: REG/P-F/AUD. — 1-3 credits
0101 Time and room to be arranged STAFF

JAPN387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD. 1-3 credits
0101 Time and room to be arranged STAFF

JAPN401 Readings in Modern Japanese I; Grade Method: REG/P-F/AUD. Prerequisite: JAPN 302 or equivalent. 3 credits
0101 MWF.....12:00pm-12:50pm (JMZ 1109) Sano, T

JAPN415 Modern Japanese Fiction in Translation; Grade Method: REG/P-F/AUD. 3 credits
0101 MW.....2:00pm- 3:15pm (JMZ 1109) Rimer, T

JOUR Journalism (Journalism)

JOUR100 Introduction to Mass Communication; Grade Method: REG. USP Distributive Studies Area D Course. Does not count toward JOUR requirements. 3 credits
0101 TuTh.....2:00pm- 3:15pm (ARC 0204) Smith, M

JOUR101 Professional Orientation; Grade Method: REG. Formerly JOUR 001. Required for JOUR majors but open to campus enrollment. Class meets 15 sessions (1/2 semester). Check schedule on first day of class for exact schedule. 1 credit
0101 MF.....10:00am-10:50am (ARC 0204) Stewart, G

JOUR201 Writing For Mass Media; Grade Method: REG. Pre- or corequisite: JOUR 101. Prerequisite: 30 words per minute typing ability; provisional or direct admission to journalism major. Must have at least 28 credits earned. A 5 minute typing test is required prior to the beginning of class. It will be offered August 30 from 12-2pm, September 4 from 12-2pm, and September 5 from 2-5pm, in JRN 3103. A proficiency test for applicability of JOUR 201 credit taken at another institution will be given on August 29, 2-4pm, in JRN 3102. Register for the proficiency test in JRN 1117. 3 credits

0101	M.....8:00am-10:00am (JRN 3103)		Allen, M
	W.....8:00am-10:00am (JRN 3103)	LAB	
0201	M.....12:00pm- 2:00pm (JRN 3102)		Marra, F
	W.....12:00pm- 2:00pm (JRN 3102)	LAB	
0301	Tu.....4:00pm- 6:00pm (JRN 3103)		Haller, B
	Th.....4:00pm- 6:00pm (JRN 3103)	LAB	
0401	Tu.....6:00pm- 8:00pm (JRN 3102)		Goldman, J
	Th.....6:00pm- 8:00pm (JRN 3102)	LAB	
0501	Tu.....2:00pm- 4:00pm (JRN 3102)		Rees, M
	Th.....2:00pm- 4:00pm (JRN 3102)	LAB	
0601	M.....2:00pm- 4:00pm (JRN 3102)		Rees, M
	W.....2:00pm- 4:00pm (JRN 3102)	LAB	
0701	M.....6:00pm- 8:00pm (JRN 3103)		Haire, K
	W.....6:00pm- 8:00pm (JRN 3103)	LAB	

JOUR202 Editing For the Mass Media; Grade Method: REG. Prerequisite: grade of C or better in JOUR 201. Must have at least 28 credits earned. Majors only. 3 credits

0101	Tu.....10:00am-12:00pm (JRN 3111)		Stepp Jr., A
	Th.....10:00am-12:00pm (JRN 3111)	LAB	
0201	Tu.....10:00am-12:00pm (JRN 3103)		STAFF
	Th.....10:00am-12:00pm (JRN 3103)	LAB	
0301	Tu.....12:00pm- 2:00pm (JRN 3103)		Burnett, C
	Th.....12:00pm- 2:00pm (JRN 3103)	LAB	
0401	M.....10:00am-12:00pm (JRN 3103)		McAdams, K
	W.....10:00am-12:00pm (JRN 3103)	LAB	
0501	Tu.....2:00pm- 4:00pm (JRN 3111)		Burnett, C
	Th.....2:00pm- 4:00pm (JRN 3111)	LAB	
0601	Tu.....10:00am-12:00pm (JRN 3102)		Obermeyer, H
	Th.....10:00am-12:00pm (JRN 3102)	LAB	

JOUR320 News Reporting; Grade Method: REG. Prerequisite: grade of C or better in JOUR 201. For JOUR majors only. 3 credits

0101	M.....4:00pm- 6:00pm (JRN 3103)		Holman, B
	W.....4:00pm- 6:00pm (JRN 3103)	LAB	
0201	M.....8:00am-10:00am (JRN 3102)		Ellis, P
	W.....8:00am-10:00am (JRN 3102)	LAB	
0301	Tu.....8:00am-10:00am (JRN 3111)		Sheler, S
	Th.....8:00am-10:00am (JRN 3111)	LAB	
0401	M.....6:00pm- 8:00pm (JRN 3102)		Quinlan, M
	W.....6:00pm- 8:00pm (JRN 3102)	LAB	

JOUR321 Advanced Reporting: Public Affairs; Grade Method: REG. Prerequisite: JOUR 320. Majors only. 3 credits
0101 M.....7:00pm- 9:45pm (JRN 1101) Allen, I

JOUR323 Newspaper Editing; Grade Method: REG. Prerequisite: grade of C or better in JOUR 202. Majors only. 3 credits
0101 W.....10:00am-12:00pm (JRN 1103) Stepp Jr., A
Time and room to be arranged LAB

JOUR328 Specialized News Reporting; Grade Method: REG/P-F/AUD. This course is tied into off-campus reporting bureau experience. Contact instructor for more information. 3 credits
0101 Time and room to be arranged Gallman, V

JOUR330 Public Relations Theory; Grade Method: REG. Prerequisite: grade of C or better in JOUR 201. Open to majors and BMGT 0515A (PRL) and BMGT 05090 (MKT) only. 3 credits
0101 MW.....9:30am-10:45am (JRN 1104) Grunig, L

JOUR331 Public Relations Techniques; Grade Method: REG. Prerequisites: JOUR 330; and grade of C or better in JOUR 202. Majors only. 3 credits

0101	Tu.....12:00pm- 2:00pm (JRN 3111)		Zerbinos, E
	Th.....12:00pm- 2:00pm (JRN 3111)	LAB	
0201	M.....2:00pm- 4:00pm (JRN 3111)		Grunig, L
	W.....2:00pm- 4:00pm (JRN 3111)	LAB	

JOUR332 Specialized Writing in Public Relations; Grade Method: REG. Prerequisite: grade of C or better in JOUR 201. Recommended: JOUR 330. 3 credits

0101	Tu.....2:00pm- 4:00pm (JRN 3103)		Grunig, J
	Th.....2:00pm- 4:00pm (JRN 3103)	LAB	

JOUR340 Advertising Communication; Grade Method: REG. Prerequisite: grade of C or better in JOUR 201. Open to majors and BMGT 0515A (PRL) and BMGT 05090 (MKT) only. 3 credits
0101 TuTh.....2:00pm- 3:15pm (JRN 1104) Zanot, E

JOUR341 Advertising Techniques; Grade Method: REG. Prerequisites: JOUR 340; and grade of C or better in JOUR 202. Majors only. 3 credits

0101	Tu.....4:00pm- 6:00pm (JRN 3111)		Zanot, E
	Th.....4:00pm- 6:00pm (JRN 3111)	LAB	
0201	Tu.....8:00am-10:00am (JRN 3102)		Plumbor, A
	Th.....8:00am-10:00am (JRN 3102)	LAB	

JOUR342 Advertising Media Planning; Grade Method: REG. Prerequisite: JOUR 340. 3 credits

0101	MW.....8:00am- 9:15am (JRN 3111)		Keenan, K
0201	MW.....9:30am-10:45am (JRN 3111)		Keenan, K

JOUR350 Photojournalism; Grade Method: REG. Prerequisite: grade of C or better in JOUR 201. Not open to students who have completed JOUR 372. Student must provide a camera. Materials cost approximately $130. Majors only. 3 credits

0101	W.....2:00pm- 4:00pm (JRN 1105)		Roche, J
	W.....4:00pm- 6:00pm (JRN 2116)	LAB	

JOUR351 Advanced Photojournalism; Grade Method: REG. Prerequisite: JOUR 350. Majors only. 3 credits

0101	M.....2:00pm- 4:00pm (JRN 1105)		Roche, J
	M.....4:00pm- 6:00pm (JRN 2116)	LAB	

JOUR360 Broadcast News I; Grade Method: REG. Prerequisite: grade of C or better in JOUR 201. Additional 3 hours per week required at WMUC. Majors only. 3 credits

0101	MW.....12:00pm- 2:00pm (JRN 3103)		Holman, B
0201	TuTh.....8:00am-10:00am (JRN 3103)		Katcef, S

JOUR361 Broadcast News II; Grade Method: REG. Prerequisite: JOUR 360. Majors only. 3 credits

0101	Tu.....1:00pm- 2:00pm (JRN 1104)		Rhodes, C
	Tu.....2:00pm- 6:00pm (JRN 3120)	LAB	
0201	Tu.....1:00pm- 2:00pm (JRN 1104)		Rhodes, C
	Th.....2:00pm- 6:00pm (JRN 3120)	LAB	

JOUR365 Theory of Broadcast Journalism; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....9:30am-10:45am (JRN 1105) Barkin, S

JOUR371 Magazine Article and Feature Writing; Grade Method: REG. Prerequisite: JOUR 320. Majors only. 3 credits

0101	Tu.....7:00pm- 9:45pm (JRN 3103)		Colin, T
0201	Th.....7:00pm- 9:45pm (JRN 3103)		Bussey, C

JOUR373 Graphics; Grade Method: REG. Prerequisite: grade of C or better in JOUR 202. Majors only. 3 credits

0101	M.....12:00pm- 2:00pm (JRN 3111)		Miller, A
	W.....12:00pm- 2:00pm (JRN 3111)	LAB	
0201	Tu.....6:00pm-10:00pm (JRN 3111)		Miller, A

JOUR374 Magazine Production; Grade Method: REG/P-F/AUD. Prerequisites: JOUR 371; and JOUR 373. Consult with instructor prior to enrolling. 3 credits
0101 Time and room to be arranged Barkin, S

JOUR396 Supervised Internship; Grade Method: REG. Prerequisites: grade of C or better in JOUR 202; and first course of journalism sequence related to techniques [i.e. JOUR 320; or JOUR 331; or JOUR 341; or JOUR 350; or JOUR 360; or JOUR 380] and permission of department. Majors only. 3 credits
Ask in JRN 1118 for meeting time and place. Registration must be approved by instructor before the end of drop/add period.
0101 Time and room to be arranged Kay, L

JOUR397 Professional Seminar; Grade Method: REG/P-F/AUD. Prerequisites: grade of C or better in JOUR 201; and permission of department. This course is tied to the off-campus reporting bureau experience. Contact instructor for more information. 3 credits
0101 Time and room to be arranged Callahan, C

JOUR398 (PermReq) Independent Study; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

JOUR400 Law of Mass Communication; Grade Method: REG. Restricted to students having earned at least 53 credits. 3 credits
0101 TuTh.....5:00pm- 6:15pm (HJP 0226) Sullivan, M

JOUR420 Government and Mass Communication; Grade Method: REG/P-F/AUD. Restricted to students having earned at least 53 credits. 3 credits
0101 W.....4:15pm- 7:00pm (JRN 1105) Blumler, J

JOUR450 Mass Media in Society; Grade Method: REG. Restricted to students having earned at least 53 credits. 3 credits
0101 MW.....2:00pm- 3:15pm (JRN 1104) Hiebert, R

JOUR459P Special Topics in Mass Communication: The Practice of Journalism.; Grade Method: REG/P-F/AUD. Restricted to students who have earned atleast 53 credits. 3 credits
0101 M.....1:00pm- 4:00pm (JRN 1118) Harwood, R

JOUR461 Newspaper Management; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....12:30pm- 1:45pm (JRN 1105) Smith, M

JOUR477 Mass Communication Research; Grade Method: REG/P-F/AUD. Prerequisite: MATH 110 or equivalent; students are encouraged to have completed the theory and technique courses in their major sequence. Restricted to students having earned at least 53 credits. 3 credits
0101 MW.....11:00am-12:15pm (JRN 1105) Newhagen, J

JOUR481 Writing the Complex Story; Grade Method: REG/P-F/AUD. Pre- or corequisite: JOUR 371. 3 credits
0101 W.....7:00pm- 9:45pm (JRN 1105) Harwood, R

JOUR484 Advertising Campaigns; Grade Method: REG/P-F/AUD. Prerequisite: JOUR 341; and JOUR 342. 3 credits

0101	Tu.....6:00pm- 8:00pm (JRN 1105)		Plumbor, A
	Th.....6:00pm- 8:00pm (JRN 3111)	LAB	

JOUR486 Advanced Television Journalism; Grade Method: REG/P-F/AUD. Prerequisite: JOUR 381 or permission of department. 3 credits

0101	Tu.....12:00pm- 2:00pm (JRN 1101)		Barkin, S
	Tu.....2:00pm- 4:00pm (JRN 1101)	LAB	

JOUR501 Writing and Editing Reviews; Grade Method: REG/AUD. 3 credits

0101	M.....4:00pm- 6:00pm (JRN 3111)		Gibson, J
	W.....4:00pm- 6:00pm (JRN 3102)	LAB	
0201	M.....2:00pm- 4:00pm (JRN 3103)		McAdams, K
	W.....2:00pm- 4:00pm (JRN 3103)	LAB	

JOUR600 Research Methods in Mass Communication; Grade Method: REG/AUD. 3 credits
0101 M.....4:15pm- 7:00pm (JRN 1116) Newhagen, J

JOUR601 Theories of Mass Communication; Grade Method: REG/AUD. Restricted to JOUR and PCOM graduate students. 3 credits

0101	W.....8:00am-10:30am (JRN 1105)		Gurevitch, M
	W.....10:30am-12:00pm (JRN 1116)	DIS	
0102	W.....8:00am-10:30am (JRN 1105)		Gurevitch, M
	W.....2:00pm- 3:30pm (JRN 1101)	DIS	

JOUR620 Seminar in Public Affairs Reporting; Grade Method: REG/AUD. Prerequisite: JOUR 320. 3 credits
0101 Tu.....1:00pm- 4:00pm (JRN 1116) Stepp Jr., A

JOUR630 Seminar in Public Relations Management; Grade Method: REG/AUD. 3 credits
0101 Tu.....8:00am-12:00pm (JRN 1116) Grunig, L

JOUR680 Science Communication; Grade Method: REG/AUD. 3 credits
0101 W.....1:00pm- 4:00pm (JRN 1116) Grunig, J

JOUR698 (PermReq) Special Problems in Communication; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 3 credits

JOUR728 Topics in Public Affairs Reporting; Grade Method: REG/AUD. This course is tied into the off-campus reporting bureau experience. Contact instructor for more information, 3 credits
0101 Time and room to be arranged Callahan, C

JOUR730 Seminar in Comparative Mass Communication; Grade Method: REG/AUD. 3 credits
0101 W.....4:15pm- 7:00pm (JRN 1116) Hiebert, R

JOUR739 Topics in Public Relations; Grade Method: REG/AUD. 3 credits
0101 Tu.....4:15pm- 7:00pm (JRN 1116) Zerbinos, E

JOUR798 (PermReq) Masters Professional Fieldwork; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 2-6 credits

JOUR799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

JOUR818C Seminar in Communication Theories: Analysis of Political Communication Systems; Grade Method: REG/AUD. 3 credits
0101 Th.....1:00pm- 4:00pm (JRN 1116) Blumler, J

JOUR818I (PermReq) Seminar in Communication Theories: Introduction to Doctoral Studies in Journalism; Grade Method: REG/AUD. 3 credits
0101 Time and room to be arranged Levy, M

KNES Kinesiology (Hlth & Human Performance)

Physical Education Activities - Coed

For classes requiring uniforms, students must bring lock and proof of PAID registration to equipment room for clothing issue.

KNES100N Physical Education Activities: Men: Basketball (Beginning); Grade Method: REG/P-F. Meets second eight weeks only. Schedule Adjustment Period is 10/23 - 10/27. Students are expected to attend classes beginning 10/23/90. 1 credit

0001	Meets 10/22/90 - 12/12/90		STAFF
	TuTh.....8:00am-10:00am (HHP 2240)	LAB	

KNES1000 Physical Education Activities: Men: Basketball (Intermediate); Grade Method: REG/P-F. 2 credits

0001	MW.....1:00pm- 3:00pm (HHP 2240)	LAB	STAFF
0002	TuTh.....3:00pm- 5:00pm (HHP 2240)	LAB	STAFF
0003	MW.....10:00am-12:00pm (HHP 2240)	LAB	STAFF

KNES131V Physical Education Activities: Coed: Jogging; Grade Method: REG/P-F. 2 credits

0001	MW.....2:00pm- 4:00pm (HHP 0102)	LAB	STAFF
0002	TuTh.....9:00am-11:00am (HHP 0102)	LAB	STAFF
0003	TuTh.....2:00pm- 4:00pm (HHP 1120)	LAB	STAFF

KNES132N Physical Education Activities: Coed: Badminton, (Beginning); Grade Method: REG/P-F. Meets first eight weeks only. Schedule Adjustment Period is 9/5 - 9/11. Students are expected to attend classes beginning 9/5/90. 1 credit

0001	Meets 09/04/90 - 10/19/90		STAFF
	TuTh.....3:00pm- 5:00pm (HHP 2101)	LAB	

KNES134N Physical Education Activities: Coed: Bowling (Beginning); Grade Method: REG/P-F. Students must pay a $10.00 facility fee. Bowling shoes required. May be rented for $.60 per session. 2 credits

0001	MW.....8:00am-10:00am (SSU B0100)	LAB	STAFF
0002	MW.....2:00pm- 4:00pm (SSU B0100)	LAB	STAFF
0003	TuTh.....8:00am-10:00am (SSU B0100)	LAB	STAFF
0004	TuTh.....10:00am-12:00pm (SSU B0100)	LAB	STAFF
0005	TuTh.....12:00pm- 2:00pm (SSU B0100)	LAB	STAFF

KNES1340 Physical Education Activities: Coed: Bowling (Intermediate); Grade Method: REG/P-F. Students must pay a $10.00 facility fee. Bowling shoes required. May be rented for $.60 per session. 2 credits

0001	MW.....10:00am-12:00pm (SSU B0100)	LAB	STAFF
0002	MW.....12:00pm- 2:00pm (SSU B0100)	LAB	STAFF
0003	TuTh.....2:00pm- 4:00pm (SSU B0100)	LAB	STAFF

KNES136N Physical Education Activities: Coed: Fencing (Beginning); Grade Method: REG/P-F. Meets second eight weeks only. Schedule Adjustment Period is 10/23 - 10/27. 1 credit

0001	Meets 10/22/90 - 12/12/90		STAFF
	TuTh.....1:00pm- 3:00pm (HHP 0107)	LAB	

KNES137N Physical Education Activities: Coed: Golf (Beginning); Grade Method: REG/P-F. Meets first eight weeks only. Meets in golf range classroom. Schedule Adjustment Period is 9/5 - 9/11. Students are expected to attend classes beginning 9/5/90. 1 credit

0001	Meets 09/04/90 - 10/19/90		STAFF
	TuTh.....12:00pm- 2:00pm (GLF 1102)	LAB	
0002	Meets 09/04/90 - 10/19/90		STAFF
	MW.....10:00am-12:00pm (GLF 1102)	LAB	
0003	Meets 09/04/90 - 10/19/90		STAFF
	MW.....12:00pm- 2:00pm (GLF 1102)	LAB	
0004	Meets 09/04/90 - 10/19/90		STAFF
	TuTh.....8:00am-10:00am (GLF 1102)	LAB	
0005	Meets 09/04/90 - 10/19/90		STAFF
	TuTh.....10:00am-12:00pm (GLF 1102)	LAB	

KNES137P Physical Education Activities: Coed: Golf (Advanced); Grade Method: REG/P-F. Meets first eight weeks only. Meets in golf range classroom. Schedule Adjustment Period is 9/5 - 9/11. Students are expected to attend classes beginning 9/5/90. 1 credit

0001	Meets 09/04/90 - 10/19/90		STAFF
	MW.....2:00pm- 4:00pm (GLF 1102)	LAB	

KNES140S Physical Education Activities: Coed: Gymnastics, Trampoline (Beginning); Grade Method: REG/P-F. 2 credits

0001	MW.....10:00am-12:00pm (HHP 1120)	LAB	STAFF
0002	MW.....12:00pm- 2:00pm (HHP 1120)	LAB	STAFF

KNES140V Physical Education Activities: Coed: Gymnastics, Tumbling and Balancing (Beginning); Grade Method: REG/P-F. 2 credits

0001	TuTh.....1:00pm- 3:00pm (HHP 1120)	LAB	STAFF

KNES140Y Physical Education Activities: Coed: Gymnastics, Apparatus (Beginning); Grade Method: REG/P-F. 2 credits

0001	MW.....1:00pm- 3:00pm (HHP 1120)	LAB	STAFF

KNES144Q Physical Education Activities: Coed: Martial Arts, Karate (Beginning); Grade Method: REG/P-F. 2 credits

0001	MW.....8:00am-10:00am (HHP 0107)	LAB	STAFF
0002	MW.....10:00am-12:00pm (HHP 0107)	LAB	STAFF
0003	MW.....3:00pm- 5:00pm (HHP 0107)	LAB	STAFF

KNES144R Physical Education Activities: Coed: Martial Arts and Karate (Intermediate); Grade Method: REG/P-F. 2 credits

0001	TuTh.....10:00am-12:00pm (HHP 0107)	LAB	STAFF

KNES144T Physical Education Activities: Coed: Martial Arts, Self Defense; Grade Method: REG/P-F. 2 credits

0001	TuTh.....7:00pm- 9:00pm (HHP 0107)		Miller, J
0002	MW.....1:00pm- 3:00pm (HHP 0107)		Graham, W

KNES146N Physical Education Activities: Coed: Racquetball (Beginning); Grade Method: REG/P-F. 1 credit

0001	MWF.....8:00am- 9:50am (HHP 0222)	LAB	STAFF
0002	MWF.....10:00am-10:50am (HHP 0222)	LAB	STAFF
0003	MWF.....1:00pm- 1:50pm (HHP 0222)	LAB	STAFF
0004	MWF.....2:00pm- 2:50pm (HHP 0222)	LAB	STAFF
0005	MWF.....3:00pm- 3:50pm (HHP 0222)	LAB	STAFF
0006	TuTh.....8:00am- 9:15am (HHP 0222)	LAB	STAFF
0007	TuTh.....9:00am-10:15am (HHP 0222)	LAB	STAFF
0008	TuTh.....11:00am-12:15pm (HHP 0222)	LAB	STAFF
0009	TuTh.....2:00pm- 3:15pm (HHP 0222)	LAB	STAFF

KNES146O Physical Education Activities: Coed: Racquetball (Intermediate); Grade Method: REG/P-F. 1 credit

0001	TuTh.....10:00am-11:15am (HHP 0222)	LAB	STAFF
0002	TuTh.....1:00pm- 2:15pm (HHP 0222)	LAB	STAFF
0003	MWF.....11:00am-11:50am (HHP 0222)	LAB	STAFF

KNES147N Physical Education Activities: Coed: Scuba (Beginning); Grade Method: REG/P-F. 2 credits

0001	MWF.....8:00am- 8:50am (COL 0104)		Landers Jr., R
	MWF.....8:00am- 8:50am (COL 1206)	LAB	
0002	TuTh.....8:00am- 9:15am (COL 0104)		Landers Jr., R
	TuTh.....8:00am- 9:15am (COL 1206)	LAB	
0003	TuTh.....2:00pm- 3:15pm (COL 0100)		Landers Jr., R
	TuTh.....2:00pm- 3:15pm (COL 1206)	LAB	

KNES152N Physical Education Activities: Coed: Soccer (Beginning); Grade Method: REG/P-F. Meets first eight weeks only. Schedule Adjustment Period is 9/5 - 9/11. Students are expected to attend classes beginning 9/5/90. 1 credit

0001	Meets 09/04/90 - 10/19/90		STAFF
	MW.....1:00pm- 3:00pm (HHP 2101)	LAB	

KNES154N Physical Education Activities: Coed: Swimming (Beginning); Grade Method: REG/P-F. Section 0001 is strictly for non-swimmers. 1 credit

0001	MWF.....12:00pm-12:50pm (PKT 1112)	LAB	STAFF
0002	MWF.....1:00pm- 1:50pm (COL 1206)	LAB	STAFF
0003	TuTh.....8:00am- 9:15am (PKT 1112)	LAB	STAFF
0004	TuTh.....9:00am-10:15am (COL 1206)	LAB	STAFF

KNES154O Physical Education Activities: Coed: Swimming (Intermediate); Grade Method: REG/P-F. 1 credit

0001	TuTh.....12:00pm- 1:15pm (PKT 1112)	LAB	STAFF
0002	TuTh.....1:00pm- 2:15pm (COL 1206)	LAB	STAFF
0003	TuTh.....11:00am-12:15pm (PKT 1112)	LAB	STAFF
0004	TuTh.....2:00pm- 3:15pm (PKT 1112)	LAB	STAFF

KNES154P Physical Education Activities: Coed: Swimming (Advanced); Grade Method: REG/P-F. 2 credits

0001	MW.....9:00am-11:00am (COL 1206)	LAB	STAFF

KNES154T Physical Education Activities: Coed: Swimming, Fitness (Beginning; Grade Method: REG/P-F. 1 credit

0001	MWF.....1:00pm- 1:50pm (PKT 1112)	LAB	STAFF

KNES154U Physical Education Activities: Coed: Swimming, Fitness (Intermediate).; Grade Method: REG/P-F. 1 credit

0001	MWF.....2:00pm- 2:50pm (PKT 1112)	LAB	STAFF

KNES154W Physical Education Activities: Coed: Swimming/Lifeguard Training.; Grade Method: REG/P-F. Advanced swimming ability is a prerequisite. 2 credits

0001	TuTh.....10:00am-12:00pm (COL 1206)	LAB	STAFF

KNES154Y Physical Education Activities: Coed: Swimming, Water Safety Instructor; Grade Method: REG/P-F. Prerequisite: current certification in emergency water safety or life saving/life guarding. 2 credits

0001	MW.....10:00am-12:00pm (PKT 1112)	LAB	STAFF

KNES155N Physical Education Activities: Coed: Tennis (Beginning); Grade Method: REG/P-F. Meets first eight weeks only. Schedule Adjustment Period is 9/5 - 9/11. Students are expected to attend classes beginning 9/5/90. 1 credit

0001	Meets 09/04/90 - 10/19/90		STAFF
	MW.....3:00pm- 5:00pm (HHP 2101)	LAB	
0002	Meets 09/04/90 - 10/19/90		STAFF
	MW.....8:00am-10:00am (COL 1100)	LAB	
0003	Meets 09/04/90 - 10/19/90		STAFF
	TuTh.....1:00pm- 3:00pm (HHP 2240)	LAB	
0004	Meets 09/04/90 - 10/19/90		STAFF
	MW.....10:00am-12:00pm (HHP 2101)	LAB	
0005	Meets 09/04/90 - 10/19/90		STAFF
	MW.....1:00pm- 3:00pm (COL 1100)	LAB	
0006	Meets 09/04/90 - 10/19/90		STAFF
	MW.....1:00pm- 3:00pm (HHP 2101)	LAB	
0007	Meets 09/04/90 - 10/19/90		STAFF
	TuTh.....8:00am-10:00am (COL 1100)	LAB	
0008	Meets 09/04/90 - 10/19/90		STAFF
	TuTh.....10:00am-12:00pm (COL 1100)	LAB	
0009	Meets 09/04/90 - 10/19/90		STAFF
	TuTh.....10:00am-12:00pm (HHP 2240)	LAB	

KNES155O Physical Education Activities: Coed: Tennis (Intermediate); Grade Method: REG/P-F. Meets first eight weeks only. Schedule Adjustment Period is 9/5 - 9/11. Students are expected to attend classes beginning 9/5/90. 1 credit

0001	Meets 09/04/90 - 10/19/90		STAFF
	MW.....10:00am-12:00pm (COL 1100)	LAB	
0002	Meets 09/04/90 - 10/19/90		STAFF
	TuTh.....1:00pm- 3:00pm (COL 1100)	LAB	
0003	Meets 09/04/90 - 10/19/90		STAFF
	MW.....2:00pm- 4:00pm (HHP 2240)	LAB	
0004	Meets 09/04/90 - 10/19/90		STAFF
	TuTh.....8:00am-10:00am (HHP 2240)	LAB	
0005	Meets 09/04/90 - 10/19/90		STAFF
	TuTh.....10:00am-12:00pm (COL 1100)	LAB	

KNES155P Physical Education Activities: Coed: Tennis (Advanced); Grade Method: REG/P-F. Meets first eight weeks only. Section 0001 includes tournament preparation/advanced drills. Schedule Adjustment Period is 9/5 - 9/11. Students are expected to attend classes beginning 9/5/90. 1 credit

0001	Meets 09/04/90 - 10/19/90		STAFF
	TuTh.....1:00pm- 3:00pm (HHP 2101)	LAB	
0002	Meets 09/04/90 - 10/19/90		STAFF
	TuTh.....3:00pm- 5:00pm (HHP 2101)	LAB	

KNES157N Physical Education Activities: Coed: Weight Training (Beginning); Grade Method: REG/P-F. 1 credit

0001	MWF.....8:00am- 8:50am (HHP 0103)	LAB	STAFF
0002	MW.....2:00pm- 3:15pm (HHP 0103)	LAB	STAFF
0003	MWF.....10:00am-10:50am (HHP 0103)	LAB	STAFF
0004	MWF.....1:00pm- 1:50pm (HHP 0103)	LAB	STAFF
0005	TuTh.....4:00pm- 5:15pm (HHP 0103)	LAB	STAFF

0006 MW.....3:00pm- 4:15pm (HHP 0103) LAB STAFF
0007 MW.....4:00pm- 5:15pm (HHP 0103) LAB STAFF
0008 TuTh.....8:00am- 9:15am (HHP 0103) LAB STAFF
0009 TuTh.....9:00am-10:15am (HHP 0103) LAB STAFF
0010 TuTh.....10:00am-11:15am (HHP 0103) LAB STAFF
0011 TuTh.....11:00am-12:15pm (HHP 0103) LAB STAFF
0012 TuTh.....3:00pm- 4:15pm (HHP 0103) LAB STAFF

KNES157O Physical Education Activities: Coed: Weight Training (Intermediate); Grade Method: REG/P-F. — 1 credit
0001 MWF.....11:00am-11:50am (HHP 0103) LAB STAFF
0002 MWF.....12:00pm-12:50pm (HHP 0103) LAB STAFF
0003 TuTh.....12:00pm- 1:15pm (HHP 0103) LAB STAFF

KNES157Q Physical Education Activities: Coed: Body Building; Grade Method: REG/P-F. — 1 credit
0001 TuTh.....1:00pm- 1:50pm (HHP 0103) LAB STAFF
0002 TuTh.....2:00pm- 2:50pm (HHP 0103) LAB STAFF

KNES160N Physical Education Activities: Coed: Volleyball (Beginning); Grade Method: REG/P-F. Meets second eight weeks only. Schedule Adjustment Period is 10/23 - 10/27. Students are expected to attend classes beginning 10/23/90. — 1 credit
0001 Meets 10/22/90 - 12/12/90 STAFF
MW.....10:00am-12:00pm (HHP 2101) LAB
0002 Meets 10/22/90 - 12/12/90 STAFF
TuTh.....10:00am-12:00pm (HHP 2101) LAB

KNES160O Physical Education Activities: Coed: Volleyball (Intermediate); Grade Method: REG/P-F. Meets second eight weeks only. Schedule Adjustment Period is 10/23 - 10/27. Students are expected to attend classes beginning 10/23/90. — 1 credit
0001 Meets 10/22/90 - 12/12/90 STAFF
MW.....1:00pm- 3:00pm (HHP 2101) LAB
0002 Meets 10/22/90 - 12/12/90 STAFF
TuTh.....3:00pm- 5:00pm (HHP 2101) LAB

KNES160P Physical Education Activities: Coed: Volleyball (Advanced); Grade Method: REG/P-F. — 2 credits
0001 MW.....3:00pm- 5:00pm (HHP 2101) LAB STAFF

KNES161N Physical Education Activities: Coed: Conditioning (Beginning); Grade Method: REG/P-F. — 2 credits
0001 MW.....10:00am-12:00pm (COL 0102) LAB STAFF
MW.....10:00am-12:00pm (COL 0100) LAB
0002 MW.....12:00pm- 2:00pm (COL 0102) LAB STAFF
MW.....12:00pm- 2:00pm (COL 0100) LAB

KNES161Q Physical Education Activities: Coed: Conditioning (Aerobic Dance-Beginning); Grade Method: REG/P-F. — 2 credits
0001 TuTh.....10:00am-12:00pm (COL 0100) LAB STAFF
TuTh.....10:00am-12:00pm (COL 0102) LAB
0002 TuTh.....4:00pm- 6:00pm (HHP 0102) LAB STAFF
0003 MW.....10:00am-12:00pm (HHP 0102) LAB STAFF
0004 TuTh.....2:00pm- 4:00pm (HHP 0102) LAB STAFF
0005 TuTh.....1:00pm- 3:00pm (HHP 2240) LAB STAFF
0006 TuTh.....7:00pm- 9:00pm (HHP 0102) LAB STAFF
0007 MW.....4:00pm- 6:00pm (HHP 0102) LAB STAFF

KNES161S Physical Education Activities: Coed: Conditioning (Aerobic Dance-Intermediate); Grade Method: REG/P-F. — 2 credits
0001 MW.....3:00pm- 5:00pm (HHP 2240) LAB STAFF
0002 TuTh.....10:00am-12:00pm (HHP 0102) LAB STAFF

KNES161U Physical Education Activities: Coed: Conditioning (Aerobic Dance-Advanced); Grade Method: REG/P-F. — 2 credits
0001 TuTh.....12:00pm- 2:00pm (HHP 0102) LAB STAFF

Physical Education Professional Courses

KNES180 Foundations of Physical Education; Grade Method: REG/P-F/AUD. Formerly PHED 180. — 3 credits
0101 MWF.....9:00am- 9:50am (HHP 1302) Owens, L

KNES182 Rhythmic Activities; Grade Method: REG/P-F/AUD. Formerly PHED 182. — 2 credits
0101 MWF.....12:00pm- 1:00pm (HHP 0308) LAB STAFF

KNES202 Badminton Skills Laboratory; Grade Method: REG/P-F/AUD. Formerly PHED 202. Meets first eight weeks only. Schedule Adjustment Period is 9/5 - 9/11. Students are expected to attend classes beginning 9/4/90. — 1 credit
0101 Meets 09/04/90 - 10/19/90 STAFF
TuTh.....1:00pm- 3:00pm (HHP 2101) LAB

KNES204 Basketball Skills Laboratory; Grade Method: REG/P-F/AUD. Formerly PHED 204. Meets second eight weeks only. Schedule Adjustment Period is 10/23 - 10/27. Students are expected to attend classes beginning 10/23/90. — 1 credit
0101 Meets 10/22/90 - 12/12/90 STAFF
TuTh.....10:00am-12:00pm (HHP 2240) LAB

KNES214 Soccer Skills Laboratory; Grade Method: REG/P-F/AUD. Formerly PHED 214. Meets first eight weeks only. Schedule Adjustment Period is 9/5 - 9/11. Students are expeted to attend classes beginning 9/4/90. — 1 credit
0101 Meets 09/04/90 - 10/19/90 STAFF
TuTh.....10:00am-12:00pm (COL 1100) LAB

KNES218 (PermReq) Laboratory in Teaching; Grade Method: REG/P-F. — 1 credit
0101 Time and room to be arranged Wrenn, J

KNES220 Track and Field Skills Laboratory; Grade Method: REG/P-F/AUD. Formerly PHED 220. — 2 credits
0101 TuTh.....8:00am-10:00am (COL 1100) LAB STAFF

KNES221 Volleyball Skills Laboratory; Grade Method: REG/P-F/AUD. Formerly PHED 221. Meets second eight weeks only. Schedule Adjustment Period is 10/23 - 10/27. Students are expected to attend classes beginning 10/23/90. — 1 credit
0101 Meets 10/22/90 - 12/12/90 STAFF
TuTh.....1:00pm- 3:00pm (HHP 2101) LAB

KNES222 Weight Training Skills Laboratory; Grade Method: REG/P-F/AUD. Formerly PHED 222. — 1 credit
0101 MWF.....9:00am- 9:50am (HHP 0103) LAB STAFF

KNES224 Aerobics Skills Laboratory; Grade Method: REG/P-F/AUD. Formerly PHED 224. — 1 credit
0101 MWF.....8:00am- 8:50am (HHP 2240) LAB STAFF

KNES261 Development of Endurance and Strength Fitness; Grade Method: REG/P-F/AUD. Formerly PHED 261. — 3 credits
0101 MWF.....1:00pm- 1:50pm (HHP 0307) Mazel, S

KNES287 Sport and American Society; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D Course. Formerly PHED 287. — 3 credits
0101 MWF.....10:00am-10:50am (HHP 1312) Vander Velden,

KNES289 (PermReq) Topical Investigations; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

KNES293 History of Sport in America; Grade Method: REG/P-F/AUD. CORE Distributive Studies Social or Political History Course. USP Distributive Studies Area A Course. Formerly PHED 293. — 3 credits
0101 TuTh.....9:30am-10:45am (HHP 1312) Struna, N

KNES300 Biomechanics of Human Motion; Grade Method: REG/P-F/AUD. Prerequisites: ZOOL 201; and ZOOL 202. Formerly PHED 300. — 4 credits
0101 TuTh.....1:00pm- 4:00pm (HHP 1302) Kelley, D
0201 TuTh.....8:00am-12:00pm (HHP 1301) Kelley, D

KNES314 Methods in Physical Education; Grade Method: REG/P-F/AUD. Formerly PHED 314. — 3 credits
0101 MW.....10:00am-12:00pm (HHP 2132) Arrighi, M

KNES335 Swimming Pool Management; Grade Method: REG/P-F/AUD. Formerly PHED 335. — 2 credits
0101 TuTh.....9:00am- 9:50am (COL 0104) Wenhold, J

KNES340 Theory of Coaching Athletics; Grade Method: REG/P-F/AUD. Formerly PHED 340. — 2 credits
0101 MW.....12:00pm-12:50pm (HHP 1301) Drum, B

KNES343 Theory of Coaching Football; Grade Method: REG/P-F/AUD. Formerly PHED 343. — 2 credits
0101 TuTh.....11:00am-11:50am (COL 0104) Mann, J

KNES350 The Psychology of Sports; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D Course. Formerly PHED 350. — 3 credits
0101 W.....4:00pm- 6:30pm (HHP 1301) Steel, D
0201 TuTh.....2:00pm- 3:15pm (HHP 1301) Steel, D
0301 MWF.....10:00am-10:50am (HHP 1303) Hatfield, B
0401 TuTh.....3:00pm- 4:15pm (HHP 1303) Brown, E

KNES360 Physiology of Exercise; Grade Method: REG/P-F/AUD. USP Distributive Studies Area B Course. Prerequisites: [ZOOL 201; and ZOOL 202]; or permission of department. Formerly PHED 360. — 3 credits
0101 TuTh.....10:00am-12:00pm (HHP 2132) Vaccaro, P
0201 TuTh.....1:00pm- 3:00pm (HHP 2132) Ryder, M
0301 TuTh.....8:00am-10:00am (HHP 2132) Clarke, D

KNES362 Philosophy of Sport; Grade Method: REG/AUD. USP Advanced Studies Development of Knowledge Course. Formerly PHED 362. — 3 credits
0101 MWF.....8:00am- 8:50am (HHP 1302) Hult, J

KNES370 Motor Development; Grade Method: REG/P-F/AUD. Formerly PHED 370. — 3 credits
0101 M.....7:00pm- 9:00pm (HHP 1312) Clark, J
Tu.....12:00pm- 1:00pm (HHP 1301) LAB
0102 M.....7:00pm- 9:00pm (HHP 1312) Clark, J
Tu.....1:00pm- 2:00pm (HHP 1301) LAB
0103 M.....7:00pm- 9:00pm (HHP 1312) Clark, J
M.....6:00pm- 7:00pm (HHP 0303) LAB

KNES381 Prevention and Care of Athletic Injuries; Grade Method: REG/P-F/AUD. Prerequisites: ZOOL 201; and ZOOL 202. Formerly PHED 381. — 3 credits
0101 F.....8:00am-10:00am (HHP 1303) Bush, J
MW.....9:00am- 9:50am (HHP 1303) LAB

KNES385 Motor Learning and Skilled Performance; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D Course. Formerly PHED 385. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (HHP 1303) Tyler, R

KNES389 (PermReq) Topical Investigations; Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. Permission of instructor required. — 1-3 credits

KNES402 Biomechanics of Sport; Grade Method: REG/P-F/AUD. Prerequisite: KNES 300. Formerly PHED 402. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (HHP 0307) Phillips, S

KNES421 Elementary School Physical Education: A Movement Approach; Grade Method: REG/P-F/AUD. Prerequisite: KNES 183. Formerly PHED 421. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (HHP 0303) Piercy, S

KNES455 Scientific Bases of Athletic Conditioning; Grade Method: REG/P-F/AUD. Prerequisite: KNES 360. Formerly PHED 455. — 3 credits
0101 Tu.....4:00pm- 6:30pm (HHP 1302) SantaMaria, D

KNES461 Exercise and Body Composition; Grade Method: REG/P-F/AUD. Prerequisite: KNES 360. Formerly PHED 461. — 3 credits
0101 W.....4:00pm- 6:30pm (HHP 2132) Ryder, M

KNES480 Measurement in Physical Education; Grade Method: REG/P-F/AUD. Prerequisite: MATH 110. Formerly PHED 480. — 3 credits
0101 MW.....1:00pm- 3:00pm (HHP 1302) Steel, D

KNES481 Biophysical Aspects of Human Movement; Grade Method: REG/P-F/AUD. Prerequisites: KNES 300; and KNES 360; and KNES 370; and KNES 385. Formerly PHED 481. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (HHP 0305) SantaMaria, D

KNES486 Politics and Economics of Organized Contemporary Sport; Grade Method: REG/P-F/AUD. Prerequisite: KNES 287. Formerly PHED 486. — 3 credits
0101 MW.....1:00pm- 2:15pm (HHP 0305) Vander Velden,

KNES490 Administration of Physical Education and Sport; Grade Method: REG/P-F/AUD. Prerequisite: KNES 180 or KNES 287. Formerly PHED 490. — 3 credits
0101 W.....7:00pm- 9:30pm (HHP 1301) Scott, M

KNES491 The Curriculum in Physical Education; Grade Method: REG/P-F/AUD. Formerly PHED 491. — 3 credits
0101 MWF.....10:00am-10:50am (HHP 0305) Ennis, C

KNES496 Quantitative Methods; Grade Method: REG/P-F/AUD. Formerly PHED 496. — 3 credits
0101 M.....4:00pm- 6:30pm (HHP 1301) Dotson, C

KNES497 Independent Studies Seminar; Grade Method: REG/P-F. Formerly PHED 497. — 3 credits
0101 MWF.....9:00am- 9:50am (HHP 2132) Tyler, R

KNES498 (PermReq) Special Topics in Physical Education; Grade Method: REG/P-F/AUD. — 3 credits
0101 Time and room to be arranged Wrenn, J

KNES603 Advanced Motor Development; Grade Method: REG/AUD. Formerly PHED 603. — 3 credits
0101 Th.....4:00pm- 6:30pm (HHP 2132) Clark, J

KNES610 Methods and Techniques of Research; Grade Method: REG/AUD. Formerly PHED 610. — 3 credits
0101 M.....6:00pm- 8:30pm (HHP 2132) Struna, N

KNES620 Analysis of Contemporary Athletics; Grade Method: REG/AUD. Formerly PHED 620. — 3 credits
0101 Tu.....4:00pm- 6:30pm (HHP 0302) Chalip, L

KNES630 Sociology of Sport in Contemporary Perspective; Grade Method: REG/AUD. Formerly PHED 630. — 3 credits
0101 W.....7:00pm- 9:30pm (HHP 0303) Vander Velden,

KNES644 Curriculum Construction in Physical Education; Grade Method: REG/AUD. Formerly PHED 644. — 3 credits
0101 Tu.....4:00pm- 6:30pm (HHP 1301) Ennis, C

KNES650 Mental and Emotional Aspects of Sports and Recreation; Grade Method: REG/AUD. Prerequisite: KNES 350. Formerly PHED 650. — 3 credits
0101 Th.....4:00pm- 6:30pm (HHP 1302) Hatfield, B

KNES662 Readings in American Sport History; Grade Method: REG/AUD. Formerly PHED 662. — 3 credits
0101 Tu.....7:00pm- 9:30pm (HHP 1301) Hult, J

KNES664 Seminar in Colonial and 19th Century Sport; Grade Method: REG/AUD. Prerequisite: KNES 662 or permission of department. Formerly PHED 664. — 3 credits
0101 M.....3:00pm- 5:00pm (HHP 0305) Struna, N
Time and room to be arranged DIS

KNES675 Photo-analysis of Human Motion; Grade Method: REG/AUD. Prerequisite: KNES 300 or permission of department. Formerly PHED 675. — 3 credits
0101 Tu.....4:00pm- 6:30pm (HHP 0305) Phillips, S

KNES689 (PermReq) Special Problems in Physical Education; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

KNES689A (PermReq) Special Problems in Physical Education: Foundations of Sport Management; Grade Method: REG/AUD. — 3 credits
0101 Th.....7:00pm- 9:30pm (HHP 0305) Chalip, L

KNES689E Special Problems in Physical Education: Reseach on Teaching in Physical Education.; Grade Method: REG/AUD. — 3 credits
0101 W.....4:00pm- 6:30pm (HHP 1303) Arrighi, M

KNES689Q Special Problems in Physical Education: Intermediate Quantitative Methods; Grade Method: REG/AUD. — 3 credits
0101 Tu.....7:00pm- 9:30pm (HHP 0301) Dotson, C

KNES690 Scientific Bases of Exercise; Grade Method: REG/AUD. Prerequisites: KNES 300; and KNES 360. Formerly PHED 690. — 3 credits
0101 Tu.....4:00pm- 6:30pm (HHP 2132) Vaccaro, P

KNES692 Cardiovascular Aspects of Exercise Physiology; Grade Method: REG/AUD. Prerequisite: KNES 360. Formerly PHED 692. — 3 credits
0101 W.....7:00pm- 9:30pm (HHP 2132) STAFF

KNES770 Advanced Biomechanics; Grade Method: REG/AUD. Prerequisites: KNES 670; and CMSC 103. Formerly PHED 770. — 3 credits
0101 W.....4:00pm- 6:30pm (HHP 0301) Caldwell, G

KNES788A (PermReq) Internship in Physical Education/Sports Management: Sports Management; Grade Method: REG. — 1-8 credits
0101 Time and room to be arranged Wrenn, J

KNES799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

KNES899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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LATN Latin (Arts and Humanities)

LATN101 Elementary Latin; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. A student who has two units of Latin in high school may register for LATN 101 for the purposes of review, but ordinarily not for credit. — 4 credits
0101 MW.....9:00am-10:50am (HZF 1108) STAFF
0201 TuTh.....12:00pm- 1:50pm (HZF 1102) STAFF
0301 MW.....12:00pm- 1:50pm (HZF 1101) STAFF
0401 TuTh.....9:00am-10:50am (HZF 1106) STAFF
0501 MWF.....1:00pm- 1:50pm (HZF 1102) Staley, G
W.....2:00pm- 2:50pm (HZF 1102)

LATN102 Elementary Latin; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. A student who has two units of Latin in high school may register for LATN 102 for credit with departmental permission. — 4 credits
0101 MW.....1:00pm- 2:50pm (COL 3112) STAFF
0201 TuTh.....1:00pm- 2:50pm (HZF 1106) STAFF

LATN201 Intermediate Latin I; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisites: LATN 101; LATN 102 or equivalent. Formerly LATN 203. — 4 credits
0101 MWF.....10:00am-10:50am (COL 0104) Hallett, J
F.....9:00am-10:00am (COL 0104) LAB

LATN301 (PermReq) Plautus; Grade Method: REG/P-F/AUD. — 3 credits
0101 MWF.....11:00am-11:50am (COL 3111) Hallett, J

LATN488 (PermReq) Latin Readings: Cicero; Grade Method: REG/P-F/AUD. — 3 credits
0101 W.....6:00pm- 8:40pm (JMZ 4218) Mejer, J

LATN499 (PermReq) Independent Study in Latin Language and Literature; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

LATN604 (PermReq) Cicero; Grade Method: REG/AUD. — 3 credits
0101 W.....6:00pm- 8:40pm (JMZ 4218) Mejer, J

LATN699 (PermReq) Independent Studies in Latin Literature; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

LATN799 (PermReq) Master's Thesis Research; Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

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LBSC Library Science (Library & Info Services)

All courses 600 and above require permission of department. Check course listing for specific restrictions.

LBSC600 (PermReq) Proseminar: Development and Operation of Libraries and Information Services; Grade Method: REG/AUD. Prerequisite: permission of department. Required of all MLS students. — 3 credits
0101 MW.....1:00pm- 2:15pm (HBK 0109) Aversa, E
0201 Tu.....5:30pm- 8:15pm (HBK 0109) Kidd, J

LBSC611 (PermReq) Archives and Libraries in Western Civilization; Grade Method: REG/AUD. Prerequisite: permission of department. — 3 credits
0101 MW.....1:00pm- 2:15pm (HBK 0103) Burke, F

LBSC630 (PermReq) Library Administration; Grade Method: REG/AUD. Prerequisite: permission of department. — 3 credits
0101 TuTh.....11:00am-12:15pm (HBK 0109) Wasserman, P
0201 Tu.....5:30pm- 8:15pm (HBK 0103) Phelps, T

LBSC641 (PermReq) Selection and Evaluation of Instructional Media; Grade Method: REG/AUD. Prerequisite: permission of department. — 3 credits
0101 M.....5:30pm- 8:15pm (HBK 4113) Hilderbrandt, I

LBSC643 (PermReq) Library Media Specialists in Educational Systems; Grade Method: REG/AUD. Prerequisite: permission of department. — 3 credits
0101 Th.....5:30pm- 8:15pm (HBK 0103) Neuman, D

LBSC645 (PermReq) Children's Literature and Materials; Grade Method: REG/AUD. Prerequisite: permission of department. — 3 credits
0101 Th.....9:30am-12:15pm (HBK 0115) MacLeod, A
0201 TuTh.....2:00pm- 3:15pm (HBK 0115) Williams, H

LBSC651 (PermReq) Reference and Information Services; Grade Method: REG/AUD. Prerequisite: permission of department. Required of all MLS students. — 3 credits
0101 MW.....2:30pm- 3:45pm (HBK 0105) White, M
0201 MW.....11:00am-12:15pm (HBK 0103) White, M
0301 Tu.....5:30pm- 8:15pm (HBK 0115) Cunningham, W
0401 Th.....5:30pm- 8:15pm (HBK 0105) Choi, J

LBSC671 (PermReq) Organization of Recorded Knowledge; Grade Method: REG/AUD. Prerequisite: permission of department. Required of all MLS students. — 3 credits
0101 M.....9:30am-12:15pm (HBK 0109) Green, R
0201 MW.....11:00am-12:15pm (HBK 0105) Jeng, L
0301 M.....5:30pm- 8:15pm (HBK 0105) Jeng, L
0401 Sa.....9:30am-12:15pm (HBK 0103) Green, R

LBSC675 (PermReq) Information Storage and Retrieval (ISAR) Systems; Grade Method: REG/AUD. Prerequisite: permission of department. — 3 credits
0101 Tu.....2:00pm- 4:45pm (HBK 0103) Soergel, D

LBSC690 (PermReq) Data Processing for Libraries and Information Services; Grade Method: REG/AUD. Prerequisite: permission of department. Credit will be granted for only one of the following: LBSC 690 or LBSC 691. — 3 credits
0101 Tu.....9:30am-12:15pm (HBK 0105) Soergel, D
0201 W.....5:30pm- 8:15pm (HBK 0109) Marchionini, G

LBSC691 (PermReq) Microcomputers in Information Processing; Grade Method: REG/AUD. Prerequisite: permission of department. Credit will be granted for only one of the following: LBSC 690 or LBSC 691. — 3 credits
0101 M.....5:30pm- 8:15pm (HBK 0115) Cady, M

LBSC704 (PermReq) Seminar in Information Science; Grade Method: REG/AUD. Prerequisite: permission of department. — 3 credits
0101 M.....2:30pm- 5:15pm (HBK 4115) Heilprin, L

LBSC707 (PermReq) Field Study in Library Service; Grade Method: REG/AUD. Prerequisites: LBSC 600; and LBSC 651; and LBSC 671; and [LBSC 690 or LBSC 691] and permission of both department and instructor. — 3 credits
0101 Time and room to be arranged Cunningham, W

LBSC708F (PermReq) Special Topics in Library and Information Service: Principles of Human-Computer Communication; Grade Method: REG/AUD. — 3 credits
0101 MW.....1:00pm- 2:15pm (HBK 4113) Marchionini, G

LBSC708J (PermReq) Special Topics in Library and Information Service: Library Personnel Management and Communication; Grade Method: REG/AUD. Instructors are Dr.Claude E. Walston and Dr. Anne S. MacLeod. — 3 credits
0101 Tu.....9:30am-12:15pm (HBK 4113) Walston, C

LBSC708P (PermReq) Special Topics in Library and Information Service: Library Effectiveness; Grade Method: REG/AUD. — 3 credits
0101 M.....5:30pm- 8:15pm (HBK 4115) Kaske, N

LBSC709 (PermReq) Independent Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Signed independent study form must be presented to CLIS Admissions Office. — 1-3 credits

LBSC722 (PermReq) Communication and Libraries; Grade Method: REG/AUD. Prerequisite: permission of department. — 3 credits
0101 W.....5:30pm- 8:15pm (HBK 0105) Kidd, J

LBSC724 (PermReq) Public Library Seminar; Grade Method: REG/AUD. Prerequisite: permission of department. — 3 credits
0101 W.....5:30pm- 8:15pm (HBK 0103) Cunningham, W

LBSC736 (PermReq) Designing Information Products and Services; Grade Method: REG/AUD. Prerequisite: permission of both department and instructor. — 3 credits
0101 Th.....2:00pm- 4:45pm (HBK 4113) Wasserman, P

LBSC737 (PermReq) Seminar in the Special Library and Information Center; Grade Method: REG/AUD. Prerequisites: permission of department; and LBSC 630 or permission of instructor. — 3 credits
0101 Th.....5:30pm- 8:15pm (HBK 0109) Kadec, S

LBSC741 (PermReq) Seminar in School Library Media Programs; Grade Method: REG/AUD. Prerequisites: permission of department; and LBSC 643 or permission of instructor. — 3 credits
0101 W.....5:30pm- 8:15pm (HBK 4115) Liesener, J

LBSC744 (PermReq) Field Study in School Library Media Programs; Grade Method: REG/AUD. Prerequisites: permission of department; and LBSC 741; and [LBSC 742 or EDCI 605 or permission of instructor]. — 3 credits
0101 M.....2:30pm- 5:15pm (HBK 4113) Liesener, J

LBSC750 (PermReq) Advanced Reference Services; Grade Method: REG/AUD. Prerequisites: permission of department; and either LBSC 651 or permission of instructor. — 3 credits
0101 MW.....9:30am-10:45am (HBK 0103) White, M
0201 M.....5:30pm- 8:15pm (HBK 0103) Aversa, E

LBSC752 (PermReq) Literature and Research in the Arts; Grade Method: REG/AUD. Prerequisites: permission of department; and either LBSC 651 or permission of instructor. Meets Friday evenings and Saturday mornings; Sept. 8,21,22; Oct. 5,6,19,20; Nov. 2,3,16,17,30; Dec. 1,14,15. Plus project. First class Sat., Sept. 8. — 3 credits
0101 F.....6:00pm- 7:45pm (HBK 0105) Robertson, J
Sa.....9:30am-12:15pm (HBK 0105)

LBSC756 (PermReq) Literature and Research in Science and Technology; Grade Method: REG/AUD. Prerequisite: permission of department; and either LBSC 651 or permission of instructor. — 3 credits

0101 Tu.....5:30pm- 8:15pm (HBK 0117) Choi, J

LBSC762 (PermReq) Health Information Sources and Their Use; Grade Method: REG/AUD. Prerequisite: permission of department; and either LBSC 651 or permission of instructor. 3 credits
0101 W.....9:30am-12:15pm (HBK 4113) Sewell, W

LBSC764 (PermReq) Legal Literature; Grade Method: REG/AUD. Prerequisite: permission of department; and either LBSC 651 or permission of instructor. 3 credits
0101 Sa.....9:30am-12:15pm (HBK 0109) Fleming, T

LBSC772 (PermReq) Seminar in the Organization of Knowledge; Grade Method: REG/AUD. Prerequisite: permission of department; and either LBSC 671 or permission of instructor. 3 credits
0101 W.....1:00pm- 3:45pm (HBK 4115) Jeng, L

LBSC782 (PermReq) Manuscript Collections; Grade Method: REG/AUD. Prerequisite: permission of department. 3 credits
0101 M.....5:30pm- 8:15pm (HBK 0109) Burke, F

LBSC783 (PermReq) Seminar in Technical Services; Grade Method: REG/AUD. Prerequisite: permission of department. 3 credits
0101 Tu.....5:30pm- 8:15pm (HBK 0105) Scully, M

LBSC787 (PermReq) Planning of Library Facilities; Grade Method: REG/AUD. Prerequisite: permission of department. Plus field trips. 3 credits
0101 Tu.....2:00pm- 4:45pm (HBK 4115) Wellisch, H

LBSC878 (PermReq) Doctoral Seminar in Information Studies: Information Storage and Retrieval; Grade Method: REG/AUD. Instructors are Dr. Dagobert Soergel and Dr. Rebecca Green. 3 credits
0101 W.....9:30am-12:15pm (HBK 4115) Soergel, D

LBSC899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

For LENF courses, see CJUS (Institute of Criminal Justice and Criminology).

LING Linguistics (Arts and Humanities)

LING200 Introductory Linguistics; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D Course. Not open to students who have completed ANTH 371 or HESP 120. Credit will be granted for only one of the following: LING 100 or LING 200. Basis for future work in linguistics. 3 credits
0101 TuTh.....12:30pm- 1:45pm (HBK 0117) Arnold, M
0201 MWF.....9:00am- 9:50am (COL 3110) Munn, A
0301 MWF.....12:00pm-12:50pm (HZF 1102) Downey-Vanover,
0501 MW.....4:00pm- 5:15pm (HBK 1116) Hutchison, N
0601 TuTh.....3:30pm- 4:45pm (HBK 1108) Varlokosta, S

LING240 Language and Mind; Grade Method: REG/P-F/AUD. CORE Distributive Studies Humanities Course. USP Distributive Studies Area D Course. 3 credits
0101 TuTh.....9:30am-10:45am (HBK 0109) Uriagereka, J

LING311 Syntax I; Grade Method: REG/P-F/AUD. Prerequisite: LING 240. 3 credits
0101 TuTh.....9:30am-10:45am (HBK 1108) Hornstein, N

LING321 Phonology I; Grade Method: REG/P-F/AUD. Prerequisite: LING 240. 3 credits
0101 TuTh.....11:00am-12:15pm (HBK 0125) Stonham, J

LING410 Grammar and Meaning; Grade Method: REG/P-F/AUD. Prerequisite: LING 312. 3 credits
0101 Tu.....1:00pm- 3:00pm (JMZ 2122) Uriagereka, J
Time and room to be arranged DIS

LING419 (PermReq) Topics in Syntax; Grade Method: REG. 3 credits
0101 Time and room to be arranged Hornstein, N

LING421 Advanced Phonology; Grade Method: REG/P-F/AUD. Prerequisite: LING 322. 3 credits
0101 Th.....1:00pm- 3:00pm (MIL 1106) Stonham, J
Time and room to be arranged DIS

LING429 (PermReq) Topics in Phonology; Grade Method: REG/P-F/AUD. 3 credits
0101 Time and room to be arranged Stonham, J

LING439 (PermReq) Topics in Diachronic Linguistics: Diachronic Syntax; Grade Method: REG/P-F/AUD. 3 credits
0201 Time and room to be arranged Lightfoot, D
Time and room to be arranged DIS

LING440 Grammars and Cognition; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. 3 credits
0101 TuTh.....9:30am-10:45am (HJP 1104) Rosen, S

LING499 (PermReq) Directed Studies in Linguistics; Grade Method: REG. 3 credits
0101 Time and room to be arranged Lightfoot, D

LING610 Syntactic Theory; Grade Method: REG/AUD. Prerequisite: LING 312. 3 credits
0101 Tu.....1:00pm- 3:00pm (JMZ 2122) Uriagereka, J
Time and room to be arranged DIS

LING620 Phonological Theory; Grade Method: REG/AUD. Prerequisite: LING 322. 3 credits
0101 Th.....1:00pm- 3:00pm (MIL 1106) Stonham, J
Time and room to be arranged DIS

LING640 (PermReq) Competence and Performance; Grade Method: REG/AUD. Prerequisite: LING 312 or permission of instructor. 3 credits
0101 Tu.....10:00am-12:00pm (MIL 1106) Weinberg, A
Time and room to be arranged DIS

LING650 (PermReq) History of Linguistics; Grade Method: REG/AUD. Prerequisite: LING 312. 3 credits
0101 Th.....10:00am-12:00pm (MIL 1106) Lightfoot, D
Time and room to be arranged DIS

LING689 (PermReq) Independent Studies; Grade Method: REG/AUD. 3 credits
0101 F.....2:00pm- 4:00pm (MIL 1106) Gorrell, P
Time and room to be arranged DIS

LING898 (PermReq) Directed Study; Grade Method: REG/AUD. 3 credits
0101 Time and room to be arranged Gorrell, P

LING799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

LING819 (PermReq) Seminar in Syntactic Theory: Seminar: Syntactic Theory; Grade Method: REG/AUD. 3 credits
0201 W.....2:00pm- 4:00pm (MIL 1106) Hornstein, N
Time and room to be arranged DIS

LING819A (PermReq) Seminar in Syntactic Theory: Argument Structure; Grade Method: REG/AUD. 3 credits
0101 Tu.....2:00pm- 4:00pm (MIL 1106) Rosen, S
Time and room to be arranged DIS

LING889 (PermReq) Directed Research; Grade Method: REG/AUD. 1-8 credits
0101 Time and room to be arranged DIS Gorrell, P

LING895 (PermReq) Doctoral Research Paper; Grade Method: REG/AUD. 1-6 credits
0101 Time and room to be arranged Gorrell, P

LING899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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MAPL Applied Mathematics (Comp, Math, & Phys Sci)

MAPL460 Computational Methods; Grade Method: REG/P-F/AUD. Prerequisites: MATH 240; and MATH 241; and [CMSC 110 or CMSC 113] or equivalent. Also offered as CMSC 460. Credit will be granted for only one of the following: MAPL/CMSC 460 and MAPL/CMSC 466. 3 credits
0101 TuTh.....11:00am-12:15pm (MTH 0407) Glaz, H
0201 TuTh.....2:00pm- 3:15pm (CLB 0104) Oleary, D

MAPL466 Introduction to Numerical Analysis I; Grade Method: REG/P-F/AUD. Prerequisites: [MATH 240; and MATH 241; and CMSC 110] or equivalent. Also offered as CMSC 466. Credit will be granted for only one of the following: MAPL/CMSC 460 and MAPL/CMSC 466. 3 credits
0101 MWF.....9:00am- 9:50am (MTH 1308) Rodriguez, R
0201 TuTh.....12:30pm- 1:45pm (MTH B0421) Glaz, H

MAPL467 Introduction to Numerical Analysis II; Grade Method: REG/P-F/AUD. Prerequisite: MAPL/CMSC 466 or permission of department. Also offered as CMSC 467. 3 credits
0101 TuTh.....12:30pm- 1:45pm (MTH 0301) Hummel, J

MAPL472 Methods and Models in Applied Mathematics I; Grade Method: REG/P-F/AUD. Prerequisites: [MATH 241; and MATH 246; and MATH 240; and PHYS 161 or 171] or permission of department. Recommended: one of the following: MATH 410, MATH 414, MATH 415, MATH 462, MATH 463, PHYS 262, PHYS 273. Also offered as MATH 472. Credit will be granted for only one of the following: MATH 472 and MAPL 472. 3 credits
0101 TuTh.....11:00am-12:15pm (MTH B0427) Maddocks, J

MAPL498A Selected Topics in Applied Mathematics; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

MAPL604 Numerical Solution of Nonlinear Equations; Grade Method: REG/AUD. Prerequisites: CMSC/MAPL 666 and CMSC/MAPL 867; or permission of instructor. Also offered as CMSC 762. 3 credits
0101 MWF.....9:00am- 9:50am (MTH B0431) Kellogg, R

MAPL666 Numerical Analysis I; Grade Method: REG/AUD. Prerequisites: MAPL 466; and MATH 410. Also offered as CMSC 666. 3 credits
0101 TuTh.....3:30pm- 4:45pm (MTH 0306) Elman, H

MAPL670 Ordinary Differential Equations I; Grade Method: REG/AUD. Prerequisite: MATH 405; and MATH 410 or equivalent. Also offered as MATH 670. 3 credits
0101 TuTh.....9:30am-10:45am (MTH 0301) Markley, N

MAPL673 Classical Methods in Partial Differential Equations I; Grade Method: REG/AUD. Prerequisite: MATH 410 or equivalent. Also offered as MATH 673. 3 credits
0101 TuTh.....11:00am-12:15pm (ARM 0101) Grillakis, M

MAPL680 Eigenvalue and Boundary Value Problems I; Grade Method: REG/AUD. Prerequisite: MATH 405 and MATH 410 or equivalent. Also offered as MATH 680. 3 credits
0101 MWF.....10:00am-10:50am (MTH 0307) Wolfe, P

MAPL698A Advanced Topics in Applied Mathematics; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-4 credits

MAPL699 Applied Mathematics Seminar; Grade Method: REG/AUD. 1 credit
0101 Time and room to be arranged STAFF

MAPL799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

MAPL899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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MATH Mathematics (Comp, Math, & Phys Sci)

A student enrolled in MATH A001, Spring 1991 MATH 001, will have a reserved seat in the course for the Spring 1991 semester. The enrollment must be confirmed during Spring 1991 advance registration.

MATH001 Review of High School Algebra; Grade Method: REG. Recommended for students who plan to take MATH 110 or MATH 002 but are not currently qualified to do so. Special fee required in addition to the regular tuition charge. This course does not carry credit towards any degree at the University. Course chairperson: Cleary. The notation 3 credits is used only for billing and full-time or part-time status. There is a special fee of $135 for MATH 001. If dropping course, see Withdrawal and Refund of Fees - Special Refund Deadlines in the Financial Information section of the Schedule of Classes. Students registering for MATH 001 who experience math anxiety or feel deficient in math study skills should refer to EDCP 108M, Building Confidence and Study Skills in Mathematics. 3 credits
0101 MWF.....8:00am- 8:50am (MTH B0423) STAFF
0102 MWF.....8:00am- 8:50am (MTH B0429) STAFF
0103 MWF.....8:00am- 8:50am (MTH 1308) STAFF
0104 MWF.....8:00am- 8:50am (MTH 0302) STAFF
0105 MWF.....8:00am- 8:50am (MTH 0102) STAFF
0201 MWF.....9:00am- 9:50am (MTH B0423) STAFF
0202 MWF.....9:00am- 9:50am (MTH B0429) STAFF
0203 MWF.....9:00am- 9:50am (EGR 3102) STAFF
0204 MWF.....9:00am- 9:50am (EGR 1110) STAFF
0205 MWF.....9:00am- 9:50am (EGR 0104) STAFF
0301 MWF.....10:00am-10:50am (MTH 0403) STAFF
0302 MWF.....10:00am-10:50am (MTH 0106) STAFF
0303 MWF.....10:00am-10:50am (MTH 0305) STAFF
0304 MWF.....10:00am-10:50am (EGR 3102) STAFF
0501 MWF.....12:00pm-12:50pm (MTH B0425) STAFF
0502 MWF.....12:00pm-12:50pm (MTH B0427) STAFF
0503 MWF.....12:00pm-12:50pm (MTH 0107) STAFF
0504 MWF.....12:00pm-12:50pm (MTH 0301) STAFF

A student enrolled in MATH A002, Spring 1991 MATH 002, will have a reserved seat in the course for the Spring 1991 semester. The enrollment must be confirmed during Spring 1991 advance registration.

MATH002 Advanced Review of High School Algebra; Grade Method: REG. Recommended for students who plan to take but who are not currently qualified for MATH 115. Prerequisite: MATH 001 or satisfactory score on the mathematics placement exam. Special fee required in addition to the regular tuition charge. This course does not carry credit towards any degree at the University. Course chairperson: Cleary. The notation 3 credits is used only for billing and full-time and part-time status. There is a special $135 fee for MATH 002. If dropping course, see Withdrawal and Refund of Fees - Special Refund Deadlines in the Financial Information section of the Schedule of Classes. Students registering for MATH 002 who experience math anxiety or feel deficient in math study skills should refer to EDCP 108M, Building Confidence and Study Skills in Mathematics. 3 credits
0101 MWF.....10:00am-10:50am (MTH 1308) STAFF
0102 MWF.....10:00am-10:50am (MTH 0401) STAFF
0103 MWF.....10:00am-10:50am (MTH B0423) STAFF
0104 MWF.....10:00am-10:50am (MTH 0105) STAFF
0105 MWF.....10:00am-10:50am (MTH 0104) STAFF
0106 MWF.....10:00am-10:50am (MTH 0107) STAFF
0201 MWF.....11:00am-11:50am (MTH 1308) STAFF
0202 MWF.....11:00am-11:50am (MTH 0401) STAFF
0203 MWF.....11:00am-11:50am (MTH B0423) STAFF
0204 MWF.....11:00am-11:50am (MTH 0301) STAFF
0205 MWF.....11:00am-11:50am (MTH B0427) STAFF
0206 MWF.....11:00am-11:50am (MTH 0107) STAFF
0301 MWF.....12:00pm-12:50pm (MTH 1308) STAFF
0302 MWF.....12:00pm-12:50pm (MTH 0411) STAFF
0303 MWF.....12:00pm-12:50pm (MTH B0423) STAFF
0304 MWF.....12:00pm-12:50pm (MTH 1311) STAFF
0305 MWF.....12:00pm-12:50pm (MTH 0302) STAFF
0306 MWF.....12:00pm-12:50pm (MTH 0401) STAFF
0401 MWF.....1:00pm- 1:50pm (MTH 1308) STAFF
0402 MWF.....1:00pm- 1:50pm (MTH 0411) STAFF
0403 MWF.....1:00pm- 1:50pm (MTH B0423) STAFF
0404 MWF.....1:00pm- 1:50pm (MTH 1311) STAFF
0405 MWF.....1:00pm- 1:50pm (MTH 0302) STAFF
0406 MWF.....1:00pm- 1:50pm (MTH 0401) STAFF
0501 MWF.....2:00pm- 2:50pm (MTH 0104) STAFF
0502 MWF.....2:00pm- 2:50pm (MTH 0401) STAFF
0503 MWF.....2:00pm- 2:50pm (MTH B0423) STAFF
0504 MWF.....2:00pm- 2:50pm (MTH B0425) STAFF
0505 MWF.....2:00pm- 2:50pm (CHE 2116) STAFF
0506 MWF.....2:00pm- 2:50pm (ARM 0105) STAFF
0601 MWF.....3:00pm- 3:50pm (MTH B0421) STAFF
0602 MWF.....3:00pm- 3:50pm (MTH 0401) STAFF
0603 MWF.....3:00pm- 3:50pm (MTH B0423) STAFF
0604 MWF.....3:00pm- 3:50pm (MTH 0302) STAFF
0605 MWF.....3:00pm- 3:50pm (MTH 0411) STAFF
0606 MWF.....3:00pm- 3:50pm (MTH 0102) STAFF
0607 MWF.....3:00pm- 3:50pm (MTH 0104) STAFF
0701 TuTh.....12:30pm- 1:45pm (MTH 0103) STAFF
0702 TuTh.....12:30pm- 1:45pm (MTH 0107) STAFF
0703 TuTh.....12:30pm- 1:45pm (ARM 0119) STAFF
0801 TuTh.....2:00pm- 3:15pm (MTH 1313) STAFF
0802 TuTh.....2:00pm- 3:15pm (MTH B0423) STAFF
0803 TuTh.....2:00pm- 3:15pm (MTH B0427) STAFF

A student enrolled in MATH A110, Spring 1991 MATH 110, will have a reserved seat in the course for the Spring 1991 semester. The enrollment must be confirmed during Spring 1991 advance registration.

MATH110 (PermReq) Elementary Mathematical Models; Grade Method: REG/P-F/AUD. Prerequisite: permission of department based on satisfactory score on the mathematics placement exam, or MATH 001. Not open to students majoring in mathematics, engineering, and the physical sciences. 3 credits
0101 MWF.....11:00am-11:50am (MTH 0101) STAFF
0102 MWF.....11:00am-11:50am (MTH 0407) STAFF
0103 MWF.....11:00am-11:50am (MTH 0405) STAFF
0104 MWF.....11:00am-11:50am (MTH 0201) STAFF
0105 MWF.....11:00am-11:50am (MTH 0306) STAFF
0106 MWF.....11:00am-11:50am (MTH 0307) STAFF
0107 MWF.....11:00am-11:50am (MTH 0303) STAFF
0108 MWF.....11:00am-11:50am (MTH B0421) STAFF
0201 MWF.....12:00pm-12:50pm (MTH 0101) STAFF
0202 MWF.....12:00pm-12:50pm (MTH 0407) STAFF
0203 MWF.....12:00pm-12:50pm (MTH 0405) STAFF
0204 MWF.....12:00pm-12:50pm (MTH 0201) STAFF
0205 MWF.....12:00pm-12:50pm (MTH 0306) STAFF
0206 MWF.....12:00pm-12:50pm (MTH 0307) STAFF
0207 MWF.....12:00pm-12:50pm (MTH 0303) STAFF
0208 MWF.....12:00pm-12:50pm (MTH B0421) STAFF
0301 MWF.....1:00pm- 1:50pm (MTH 0101) STAFF
0302 MWF.....1:00pm- 1:50pm (MTH 0407) STAFF
0303 MWF.....1:00pm- 1:50pm (MTH 0405) STAFF
0304 MWF.....1:00pm- 1:50pm (MTH 0201) STAFF
0305 MWF.....1:00pm- 1:50pm (MTH 0306) STAFF
0306 MWF.....1:00pm- 1:50pm (MTH 0307) STAFF
0307 MWF.....1:00pm- 1:50pm (MTH 0303) STAFF
0401 MWF.....2:00pm- 2:50pm (MTH 0101) STAFF
0402 MWF.....2:00pm- 2:50pm (MTH 0407) STAFF
0403 MWF.....2:00pm- 2:50pm (MTH 0405) STAFF
0404 MWF.....2:00pm- 2:50pm (MTH 0201) STAFF
0405 MWF.....2:00pm- 2:50pm (MTH 0306) STAFF
0406 MWF.....2:00pm- 2:50pm (MTH 0307) STAFF
0407 MWF.....2:00pm- 2:50pm (MTH 0303) STAFF

MATH111 (PermReq) Introduction to Probability; Grade Method: REG/P-F/AUD. CORE Distributive Studies Math or Formal Reasoning Course. USP Distributive Studies Area B Course. Prerequisite: permission of department based on satisfactory score on the mathematics placement exam, or MATH 110, or MATH 115. Not open to students majoring in mathematics, engineering or the physical sciences. Credit will be granted for only one of the following: MATH 111 or STAT 100. 3 credits
0101 MWF.....1:00pm- 1:50pm (MTH 0304) STAFF
0102 MWF.....1:00pm- 1:50pm (MTH 0103) STAFF
0103 MWF.....1:00pm- 1:50pm (MTH 0409) STAFF
0104 MWF.....1:00pm- 1:50pm (MTH 0403) STAFF
0105 MWF.....1:00pm- 1:50pm (MTH 0106) STAFF
0106 MWF.....1:00pm- 1:50pm (MTH 0305) STAFF
0201 MWF.....2:00pm- 2:50pm (MTH 0304) STAFF
0202 MWF.....2:00pm- 2:50pm (MTH 0103) STAFF
0203 MWF.....2:00pm- 2:50pm (MTH 0403) STAFF
0204 MWF.....2:00pm- 2:50pm (MTH 0106) STAFF
0205 MWF.....2:00pm- 2:50pm (MTH 0305) STAFF

A student enrolled in MATH A115, Spring 1991 MATH 115, will have a reserved seat in the course for the Spring 1991 semester. The enrollment must be confirmed during Spring 1991 advanced registration.

MATH115 (PermReq) Precalculus; Grade Method: REG/P-F/AUD. Prerequisite: permission of department based on satisfactory score on the mathematics placement exam or MATH 002. Preparation for MATH 220 or MATH 140. 3 credits
0101 MWF.....8:00am- 8:50am (MTH 0101) STAFF
0102 MWF.....8:00am- 8:50am (MTH 0407) STAFF
0103 MWF.....8:00am- 8:50am (MTH 0405) STAFF
0104 MWF.....8:00am- 8:50am (MTH 0306) STAFF
0105 MWF.....8:00am- 8:50am (MTH 0307) STAFF
0106 MWF.....8:00am- 8:50am (MTH 0303) STAFF
0107 MWF.....8:00am- 8:50am (MTH 0409) STAFF
0108 MWF.....8:00am- 8:50am (MTH 0403) STAFF
0109 MWF.....8:00am- 8:50am (MTH 0106) STAFF
0110 MWF.....8:00am- 8:50am (MTH 0105) STAFF
0111 MWF.....8:00am- 8:50am (MTH 1313) STAFF
0112 MWF.....8:00am- 8:50am (MTH 1311) STAFF
0201 MWF.....9:00am- 9:50am (MTH 0101) STAFF
0202 MWF.....9:00am- 9:50am (MTH 0407) STAFF
0203 MWF.....9:00am- 9:50am (MTH 0405) STAFF
0204 MWF.....9:00am- 9:50am (MTH 0306) STAFF
0205 MWF.....9:00am- 9:50am (MTH 0307) STAFF
0206 MWF.....9:00am- 9:50am (MTH 0303) STAFF
0207 MWF.....9:00am- 9:50am (MTH 0409) STAFF
0208 MWF.....9:00am- 9:50am (MTH 0403) STAFF
0209 MWF.....9:00am- 9:50am (MTH 0106) STAFF
0210 MWF.....9:00am- 9:50am (MTH 0105) STAFF
0211 MWF.....9:00am- 9:50am (MTH 1313) STAFF
0212 MWF.....9:00am- 9:50am (MTH 1311) STAFF
0301 MWF.....3:00pm- 3:50pm (MTH 0101) STAFF
0302 MWF.....3:00pm- 3:50pm (MTH 0407) STAFF
0303 MWF.....3:00pm- 3:50pm (MTH 0405) STAFF
0304 MWF.....3:00pm- 3:50pm (MTH 0306) STAFF
0305 MWF.....3:00pm- 3:50pm (MTH 0307) STAFF
0306 MWF.....3:00pm- 3:50pm (MTH 0303) STAFF
0307 MWF.....3:00pm- 3:50pm (MTH 0409) STAFF
0308 MWF.....3:00pm- 3:50pm (MTH 0403) STAFF
0309 MWF.....3:00pm- 3:50pm (MTH 0106) STAFF
0310 MWF.....3:00pm- 3:50pm (MTH 0304) STAFF
0311 MWF.....3:00pm- 3:50pm (MTH 0103) STAFF
0312 MWF.....3:00pm- 3:50pm (MTH 0201) STAFF
0401 MWF.....4:00pm- 4:50pm (MTH 0101) STAFF
0402 MWF.....4:00pm- 4:50pm (MTH 0407) STAFF
0403 MWF.....4:00pm- 4:50pm (MTH 0405) STAFF
0404 MWF.....4:00pm- 4:50pm (MTH 0306) STAFF
0405 MWF.....4:00pm- 4:50pm (MTH 0307) STAFF
0406 MWF.....4:00pm- 4:50pm (MTH 0303) STAFF
0407 MWF.....4:00pm- 4:50pm (MTH 0409) STAFF
0408 MWF.....4:00pm- 4:50pm (MTH 0403) STAFF
0410 MWF.....4:00pm- 4:50pm (MTH 0304) STAFF
0411 MWF.....4:00pm- 4:50pm (MTH 0103) STAFF
0412 MWF.....4:00pm- 4:50pm (MTH 0201) STAFF

A student enrolled in MATH A140, Spring 1991 MATH 140, will have a reserved seat in the course for the Spring 1991 semester. The enrollment must be confirmed during Spring 1991 advance registration.

MATH140 (PermReq) Calculus I; Grade Method: REG/P-F/AUD. CORE Distributive Studies Math or Formal Reasoning Course. USP Distributive Studies Area B Course. Prerequisite: permission of department based on 3 1/2 years of college preparatory mathematics (including trigonometry) and satisfactory score on the mathematics placement exam or MATH 115. Credit will be granted for only one of the following: MATH 140 or MATH 220. Special note for sections 0111-0142: these experimental sections will cover all basic topics usually taught in MATH 140. They will also cover topics from the theory of differential equations. It is expected that use will be made of hand-held graphic calculators. 4 credits
0111 MWF.....8:00am- 8:50am (PHY 1412) Gulick, D
TuTh.....8:00am- 8:50am (MTH 0403) DIS
0112 MWF.....8:00am- 8:50am (PHY 1412) Gulick, D
TuTh.....8:00am- 8:50am (MTH 0106) DIS
0113 MWF.....8:00am- 8:50am (PHY 1412) Gulick, D
TuTh.....8:00am- 8:50am (MTH 1313) DIS
0121 MWF.....8:00am- 8:50am (PHY 1412) Gulick, D
TuTh.....9:00am- 9:50am (MTH 0403) DIS
0122 MWF.....8:00am- 8:50am (PHY 1412) Gulick, D
TuTh.....9:00am- 9:50am (MTH 0106) DIS
0123 MWF.....8:00am- 8:50am (PHY 1412) Gulick, D
TuTh.....9:00am- 9:50am (MTH 1313) DIS
0131 MWF.....8:00am- 8:50am (PHY 1412) Gulick, D
TuTh.....10:00am-10:50am (MTH 0403) DIS
0132 MWF.....8:00am- 8:50am (PHY 1412) Gulick, D
TuTh.....10:00am-10:50am (MTH 0106) DIS
0141 MWF.....8:00am- 8:50am (PHY 1412) Gulick, D
TuTh.....11:00am-11:50am (MTH 0403) DIS
0142 MWF.....8:00am- 8:50am (PHY 1412) Gulick, D
TuTh.....11:00am-11:50am (MTH 0106) DIS
0211 MWF.....8:00am- 8:50am (ARM 0126) Ellis, R
TuTh.....8:00am- 8:50am (MTH 0305) DIS
0212 MWF.....8:00am- 8:50am (ARM 0126) Ellis, R
TuTh.....8:00am- 8:50am (MTH 0105) DIS
0213 MWF.....8:00am- 9:50am (ARM 0126) Ellis, R
TuTh.....8:00am- 8:50am (MTH 1311) DIS
0221 MWF.....9:00am- 9:50am (ARM 0126) Ellis, R
TuTh.....9:00am- 9:50am (MTH 0305) DIS
0222 MWF.....9:00am- 9:50am (ARM 0126) Ellis, R
TuTh.....9:00am- 9:50am (MTH 0105) DIS
0223 MWF.....9:00am- 9:50am (ARM 0126) Ellis, R
TuTh.....9:00am- 9:50am (MTH 1308) DIS
0231 MWF.....9:00am- 9:50am (ARM 0126) Ellis, R
TuTh.....10:00am-10:50am (MTH 0305) DIS
0232 MWF.....9:00am- 9:50am (ARM 0126) Ellis, R
TuTh.....10:00am-10:50am (MTH 0105) DIS
0241 MWF.....9:00am- 9:50am (ARM 0126) Ellis, R
TuTh.....11:00am-11:50am (MTH 0305) DIS
0242 MWF.....9:00am- 9:50am (ARM 0126) Ellis, R
TuTh.....11:00am-11:50am (MTH 0105) DIS
0311 MWF.....1:00pm- 1:50pm (ARM 0126) Berg, K
TuTh.....12:00pm-12:50pm (MTH 0403) DIS
0312 MWF.....1:00pm- 1:50pm (ARM 0126) Berg, K
TuTh.....12:00pm-12:50pm (MTH 0106) DIS
0321 MWF.....1:00pm- 1:50pm (ARM 0126) Berg, K
TuTh.....1:00pm- 1:50pm (MTH 0403) DIS
0322 MWF.....1:00pm- 1:50pm (ARM 0126) Berg, K
TuTh.....1:00pm- 1:50pm (MTH 0106) DIS
0331 MWF.....1:00pm- 1:50pm (ARM 0126) Berg, K
TuTh.....2:00pm- 2:50pm (MTH 0403) DIS
0332 MWF.....1:00pm- 1:50pm (ARM 0126) Berg, K
TuTh.....2:00pm- 2:50pm (MTH 0106) DIS
0341 MWF.....1:00pm- 1:50pm (ARM 0126) Berg, K
TuTh.....3:00pm- 3:50pm (MTH 0403) DIS
0342 MWF.....1:00pm- 1:50pm (ARM 0126) Berg, K
TuTh.....3:00pm- 3:50pm (MTH 0106) DIS
0411 MWF.....2:00pm- 2:50pm (ARM 0131) Boyle, M
TuTh.....1:00pm- 1:50pm (MTH 0305) DIS
0412 MWF.....2:00pm- 2:50pm (ARM 0131) Boyle, M
TuTh.....1:00pm- 1:50pm (MTH 0105) DIS
0413 MWF.....2:00pm- 2:50pm (ARM 0131) Boyle, M
TuTh.....1:00pm- 1:50pm (MTH 1311) DIS
0421 MWF.....2:00pm- 2:50pm (ARM 0131) Boyle, M
TuTh.....2:00pm- 2:50pm (MTH 0305) DIS
0422 MWF.....2:00pm- 2:50pm (ARM 0131) Boyle, M
TuTh.....2:00pm- 2:50pm (MTH 0105) DIS
0423 MWF.....2:00pm- 2:50pm (ARM 0131) Boyle, M
TuTh.....2:00pm- 2:50pm (MTH 0301) DIS
0431 MWF.....2:00pm- 2:50pm (ARM 0131) Boyle, M
TuTh.....3:00pm- 3:50pm (MTH 0305) DIS
0432 MWF.....2:00pm- 2:50pm (ARM 0131) Boyle, M
TuTh.....3:00pm- 3:50pm (MTH 0105) DIS
0441 MWF.....2:00pm- 2:50pm (ARM 0131) Boyle, M
TuTh.....4:00pm- 4:50pm (MTH 0305) DIS
0442 MWF.....2:00pm- 2:50pm (ARM 0131) Boyle, M
TuTh.....4:00pm- 4:50pm (MTH 0105) DIS

MATH140H (PermReq) Calculus I; Grade Method: REG/P-F/AUD. CORE Distributive Studies Math or Formal Reasoning Course. USP Distributive Studies Area B Course. Prerequisite: permission of department based on 3 1/2 4 credits

years of college preparatory mathematics (including trigonometry) and satisfactory score on the mathematics placement exam or MATH 115. Credit will be granted for only one of the following: MATH 140 or MATH 220. Open only to general honors students.

2011	TuTh.....9:30am-10:45am (MTH 0302)		Correl, E
	W.....10:00am-10:50am (MTH 0302)		

MATH141 Calculus II; Grade Method: REG/P-F/AUD. CORE Distributive Studies Math or Formal Reasoning Course. USP Distributive Studies Area B Course. Prerequisite: MATH 140 or equivalent. Credit will be granted for only one of the following: MATH 141 or MATH 221. — 4 credits

0111	MWF.....9:00am- 9:50am (ARM 0131)		Warner, C
	TuTh.....8:00am- 8:50am (MTH 0103)	DIS	
0112	MWF.....9:00am- 9:50am (ARM 0131)		Warner, C
	TuTh.....8:00am- 8:50am (MTH 0409)	DIS	
0121	MWF.....9:00am- 9:50am (ARM 0131)		Warner, C
	TuTh.....9:00am- 9:50am (MTH 0103)	DIS	
0122	MWF.....9:00am- 9:50am (ARM 0131)		Warner, C
	TuTh.....9:00am- 9:50am (MTH 0409)	DIS	
0131	MWF.....9:00am- 9:50am (ARM 0131)		Warner, C
	TuTh.....10:00am-10:50am (MTH 0103)	DIS	
0132	MWF.....9:00am- 9:50am (ARM 0131)		Warner, C
	TuTh.....10:00am-10:50am (MTH 0409)	DIS	
0141	MWF.....9:00am- 9:50am (ARM 0131)		Warner, C
	TuTh.....11:00am-11:50am (MTH 0103)	DIS	
0142	MWF.....9:00am- 9:50am (ARM 0131)		Warner, C
	TuTh.....11:00am-11:50am (MTH 0409)	DIS	
0211	MWF.....11:00am-11:50am (ARM 0131)		Greenberg, L
	TuTh.....10:00am-10:50am (MTH 1313)	DIS	
0212	MWF.....11:00am-11:50am (ARM 0131)		Greenberg, L
	TuTh.....10:00am-10:50am (MTH 1308)	DIS	
0221	MWF.....11:00am-11:50am (ARM 0131)		Greenberg, L
	TuTh.....11:00am-11:50am (MTH 1313)	DIS	
0222	MWF.....11:00am-11:50am (ARM 0131)		Greenberg, L
	TuTh.....11:00am-11:50am (MTH 1311)	DIS	
0231	MWF.....11:00am-11:50am (ARM 0131)		Greenberg, L
	TuTh.....12:00pm-12:50pm (MTH 1313)	DIS	
0232	MWF.....11:00am-11:50am (ARM 0131)		Greenberg, L
	TuTh.....12:00pm-12:50pm (MTH 1311)	DIS	
0241	MWF.....11:00am-11:50am (ARM 0131)		Greenberg, L
	TuTh.....1:00pm- 1:50pm (MTH 0307)	DIS	
0242	MWF.....11:00am-11:50am (ARM 0131)		Greenberg, L
	TuTh.....1:00pm- 1:50pm (MTH 0411)	DIS	
0311	MWF.....2:00pm- 2:50pm (KEY 0106)		Greenberg, L
	TuTh.....1:00pm- 1:50pm (MTH 0306)	DIS	
0312	MWF.....2:00pm- 2:50pm (KEY 0106)		Greenberg, L
	TuTh.....1:00pm- 1:50pm (MTH 0409)	DIS	
0321	MWF.....2:00pm- 2:50pm (KEY 0106)		Greenberg, L
	TuTh.....2:00pm- 2:50pm (MTH 0103)	DIS	
0322	MWF.....2:00pm- 2:50pm (KEY 0106)		Greenberg, L
	TuTh.....2:00pm- 2:50pm (MTH 0409)	DIS	
0331	MWF.....2:00pm- 2:50pm (KEY 0106)		Greenberg, L
	TuTh.....3:00pm- 3:50pm (MTH 0103)	DIS	
0332	MWF.....2:00pm- 2:50pm (KEY 0106)		Greenberg, L
	TuTh.....3:00pm- 3:50pm (MTH 0409)	DIS	
0341	MWF.....2:00pm- 2:50pm (KEY 0106)		Greenberg, L
	TuTh.....4:00pm- 4:50pm (MTH 0103)	DIS	
0342	MWF.....2:00pm- 2:50pm (KEY 0106)		Greenberg, L
	TuTh.....4:00pm- 4:50pm (MTH 0409)	DIS	

MATH141H (PermReq) Calculus II; Grade Method: REG/P-F/AUD. CORE Distributive Studies Math or Formal Reasoning Course. USP Distributive Studies Area B Course. Prerequisite: MATH 140 or equivalent. Credit will be granted for only one of the following: MATH 141 or MATH 221. — 4 credits

2011	MTuWF.....10:00am-10:50am (MTH B0427)		Lehner, G

MATH210 Elements of Mathematics; Grade Method: REG/P-F/AUD. USP Distributive Studies Area B Course. Prerequisite: one year of college preparatory algebra. Required for majors in elementary education, and open only to students in this field. MATH 210 is open only to the following majors: 0823D-Educ Early Childhood, 0823X-Pre-Early Childhood Educ, 0802D-Educ Elem, 0802X-Pre Elem Educ, 0808B-Spec Educ, 0808X-Prespecial Educ. — 4 credits

0101	MF.....8:00am- 8:50am (MTH B0425)		STAFF
	W.....8:00am- 9:50am (MTH B0425)		
0201	MF.....9:00am- 9:50am (MTH B0425)		STAFF
	Th.....8:00am- 9:50am (MTH B0425)		
0301	MTh.....11:00am-11:50am (MTH B0429)		STAFF
	W.....11:00am-12:50pm (MTH B0429)		
0401	MF.....1:00pm- 1:50pm (MTH B0429)		STAFF
	W.....1:00pm- 2:50pm (MTH B0429)		
0501	MF.....2:00pm- 2:50pm (MTH B0429)		STAFF
	Th.....1:00pm- 2:50pm (MTH B0429)		
0601	MF.....12:00pm-12:50pm (MTH B0429)		STAFF
	Tu.....11:00am-12:50pm (MTH B0429)		

MATH211 Elements of Geometry; Grade Method: REG/P-F/AUD. USP Distributive Studies Area B Course. Prerequisite: MATH 210 or equivalent. — 4 credits

0101	MF.....8:00am- 8:50am (MTH B0427)		STAFF
	W.....8:00am- 9:50am (MTH B0427)		
0201	MF.....9:00am- 9:50am (MTH B0427)		STAFF
	Th.....8:00am- 9:50am (MTH B0427)		
0301	MF.....1:00pm- 1:50pm (MTH B0427)		STAFF
	W.....1:00pm- 2:50pm (MTH B0427)		
0401	MF.....2:00pm- 2:50pm (MTH B0427)		STAFF
	Tu.....1:00pm- 2:50pm (MTH B0429)		
0501	MW.....10:00am-10:50am (MTH B0429)		STAFF
	F.....10:00am-11:50am (MTH B0429)		

A student enrolled in MATH A220, Spring 1991 MATH 220, will have a reserved seat in the course for the Spring 1991 semester. The enrollment must be confirmed during Spring 1991 advance registration.

MATH220 (PermReq) Elementary Calculus I; Grade Method: REG/P-F/AUD. CORE Distributive Studies Math or Formal Reasoning Course. USP Distributive Studies Area B Course. Prerequisite: permission of department based on 3 1/2 years of college preparatory mathematics (including trigonometry) and satisfactory performance on the mathematics placement exam, or MATH 115. Not open to students majoring in mathematics, engineering or the physical sciences. Credit will be granted for only one of the following: MATH 140 or MATH 220. Section 0801 is an experimental section which will cover the basic topics usually taught in MATH 220. However, computer-based class presentations and problem-solving projects will permit greater emphasis on development of calculus concepts and applications of calculus techniques. No prior experience with computers is required. — 3 credits

0111	MWF.....8:00am- 8:50am (ARM 0131)		Sweet, D
	Tu.....8:00am- 8:50am (MTH 0303)	DIS	
0112	MWF.....8:00am- 8:50am (ARM 0131)		Sweet, D
	Tu.....8:00am- 8:50am (MTH 0304)	DIS	
0121	MWF.....8:00am- 8:50am (ARM 0131)		Sweet, D
	Tu.....9:00am- 9:50am (MTH 0303)	DIS	
0122	MWF.....8:00am- 8:50am (ARM 0131)		Sweet, D
	Tu.....9:00am- 9:50am (MTH 0304)	DIS	
0131	MWF.....8:00am- 8:50am (ARM 0131)		Sweet, D
	Tu.....10:00am-10:50am (MTH 0303)	DIS	
0132	MWF.....8:00am- 8:50am (ARM 0131)		Sweet, D
	Tu.....10:00am-10:50am (MTH 0304)	DIS	
0141	MWF.....8:00am- 8:50am (ARM 0131)		Sweet, D
	Tu.....11:00am-11:50am (MTH 0303)	DIS	
0142	MWF.....8:00am- 8:50am (ARM 0131)		Sweet, D
	Tu.....11:00am-11:50am (MTH 0304)	DIS	
0211	MWF.....2:00pm- 2:50pm (ARM 0135)		Neri, U
	Th.....8:00am- 8:50am (MTH 0303)	DIS	
0212	MWF.....2:00pm- 2:50pm (ARM 0135)		Neri, U
	Th.....8:00am- 8:50am (MTH 0304)	DIS	
0221	MWF.....2:00pm- 2:50pm (ARM 0135)		Neri, U
	Th.....9:00am- 9:50am (MTH 0303)	DIS	
0222	MWF.....2:00pm- 2:50pm (ARM 0135)		Neri, U
	Th.....9:00am- 9:50am (MTH 0304)	DIS	
0231	MWF.....2:00pm- 2:50pm (ARM 0135)		Neri, U
	Th.....10:00am-10:50am (MTH 0303)	DIS	
0232	MWF.....2:00pm- 2:50pm (ARM 0135)		Neri, U
	Th.....10:00am-10:50am (MTH 0304)	DIS	
0241	MWF.....2:00pm- 2:50pm (ARM 0135)		Neri, U
	Th.....11:00am-11:50am (MTH 0303)	DIS	
0242	MWF.....2:00pm- 2:50pm (ARM 0135)		Neri, U
	Th.....11:00am-11:50am (MTH 0304)	DIS	
0311	TuTh.....9:30am-10:45am (ARM 0131)		Alter, M
	M.....8:00am- 8:50am (MTH 0304)	DIS	
0312	TuTh.....9:30am-10:45am (ARM 0131)		Alter, M
	M.....8:00am- 8:50am (MTH 0103)	DIS	
0321	TuTh.....9:30am-10:45am (ARM 0131)		Alter, M
	M.....9:00am- 9:50am (MTH 0304)	DIS	
0322	TuTh.....9:30am-10:45am (ARM 0131)		Alter, M
	M.....9:00am- 9:50am (MTH 0103)	DIS	
0331	TuTh.....9:30am-10:45am (ARM 0131)		Alter, M
	M.....10:00am-10:50am (MTH 0304)	DIS	
0332	TuTh.....9:30am-10:45am (ARM 0131)		Alter, M
	M.....10:00am-10:50am (MTH 0103)	DIS	
0341	TuTh.....9:30am-10:45am (ARM 0131)		Alter, M
	M.....11:00am-11:50am (MTH 0304)	DIS	
0342	TuTh.....9:30am-10:45am (ARM 0131)		Alter, M
	M.....11:00am-11:50am (MTH 0103)	DIS	
0411	TuTh.....12:30pm- 1:45pm (ARM 0135)		Zedek, M
	F.....8:00am- 8:50am (MTH 0304)	DIS	
0412	TuTh.....12:30pm- 1:45pm (ARM 0135)		Zedek, M
	F.....8:00am- 8:50am (MTH 0103)	DIS	
0421	TuTh.....12:30pm- 1:45pm (ARM 0135)		Zedek, M
	F.....9:00am- 9:50am (MTH 0304)	DIS	
0422	TuTh.....12:30pm- 1:45pm (ARM 0135)		Zedek, M
	F.....9:00am- 9:50am (MTH 0103)	DIS	
0431	TuTh.....12:30pm- 1:45pm (ARM 0135)		Zedek, M
	F.....10:00am-10:50am (MTH 0304)	DIS	
0432	TuTh.....12:30pm- 1:45pm (ARM 0135)		Zedek, M
	F.....10:00am-10:50am (MTH 0103)	DIS	
0441	TuTh.....12:30pm- 1:45pm (ARM 0135)		Zedek, M
	F.....11:00am-11:50am (MTH 0304)	DIS	
0442	TuTh.....12:30pm- 1:45pm (ARM 0135)		Zedek, M
	F.....11:00am-11:50am (MTH 0103)	DIS	
0511	TuTh.....2:00pm- 3:15pm (ARM 0131)		Alexander, J
	M.....1:00pm- 1:50pm (MTH 1313)	DIS	
0512	TuTh.....2:00pm- 3:15pm (ARM 0131)		Alexander, J
	M.....1:00pm- 1:50pm (MTH 0105)	DIS	
0521	TuTh.....2:00pm- 3:15pm (ARM 0131)		Alexander, J
	M.....2:00pm- 2:50pm (MTH 1313)	DIS	
0522	TuTh.....2:00pm- 3:15pm (ARM 0131)		Alexander, J
	M.....2:00pm- 2:50pm (MTH 0105)	DIS	
0531	TuTh.....2:00pm- 3:15pm (ARM 0131)		Alexander, J
	M.....3:00pm- 3:50pm (MTH 0305)	DIS	
0532	TuTh.....2:00pm- 3:15pm (ARM 0131)		Alexander, J
	M.....3:00pm- 3:50pm (MTH 0105)	DIS	
0541	TuTh.....2:00pm- 3:15pm (ARM 0131)		Alexander, J
	M.....4:00pm- 4:50pm (MTH 0305)	DIS	
0542	TuTh.....2:00pm- 3:15pm (ARM 0131)		Alexander, J
	M.....4:00pm- 4:50pm (MTH 0105)	DIS	
0601	TuTh.....9:30am-10:45am (MTH 0104)		Fey, J
	W.....10:00am-10:50am (MTH 0102)		

MATH221 Elementary Calculus II; Grade Method: REG/P-F/AUD. CORE Distributive Studies Math or Formal Reasoning Course. USP Distributive Studies Area B Course. Prerequisite: MATH 220, or MATH 140, or equivalent. Not open to students majoring in mathematics, engineering or the physical sciences. Credit will be granted for only one of the following: MATH 141 or MATH 221. — 3 credits

0111	TuTh.....11:00am-12:15pm (ARM 0126)		Lay, D
	W.....8:00am- 8:50am (MTH 0304)	DIS	
0112	TuTh.....11:00am-12:15pm (ARM 0126)		Lay, D
	W.....8:00am- 8:50am (MTH 0103)	DIS	
0121	TuTh.....11:00am-12:15pm (ARM 0126)		Lay, D
	W.....9:00am- 9:50am (MTH 0304)	DIS	
0122	TuTh.....11:00am-12:15pm (ARM 0126)		Lay, D
	W.....9:00am- 9:50am (MTH 0103)	DIS	
0131	TuTh.....11:00am-12:15pm (ARM 0126)		Lay, D
	W.....10:00am-10:50am (MTH 0304)	DIS	
0132	TuTh.....11:00am-12:15pm (ARM 0126)		Lay, D
	W.....10:00am-10:50am (MTH 0103)	DIS	
0141	TuTh.....11:00am-12:15pm (ARM 0126)		Lay, D
	W.....11:00am-11:50am (MTH 0304)	DIS	
0142	TuTh.....11:00am-12:15pm (ARM 0126)		Lay, D
	W.....11:00am-11:50am (MTH 0103)	DIS	
0211	TuTh.....12:30pm- 1:45pm (ARM 0126)		Herb, R
	W.....1:00pm- 1:50pm (MTH 1313)	DIS	
0212	TuTh.....12:30pm- 1:45pm (ARM 0126)		Herb, R
	W.....1:00pm- 1:50pm (MTH 0105)	DIS	
0221	TuTh.....12:30pm- 1:45pm (ARM 0126)		Herb, R
	W.....2:00pm- 2:50pm (MTH 1313)	DIS	
0222	TuTh.....12:30pm- 1:45pm (ARM 0126)		Herb, R
	W.....2:00pm- 2:50pm (MTH 0105)	DIS	
0231	TuTh.....12:30pm- 1:45pm (ARM 0126)		Herb, R
	W.....3:00pm- 3:50pm (MTH 0305)	DIS	
0232	TuTh.....12:30pm- 1:45pm (ARM 0126)		Herb, R
	W.....3:00pm- 3:50pm (MTH 0105)	DIS	
0241	TuTh.....12:30pm- 1:45pm (ARM 0126)		Herb, R
	W.....4:00pm- 4:50pm (MTH 0305)	DIS	
0242	TuTh.....12:30pm- 1:45pm (ARM 0126)		Herb, R
	W.....4:00pm- 4:50pm (MTH 0105)	DIS	

MATH240 Introduction to Linear Algebra; Grade Method: REG/P-F/AUD. CORE Distributive Studies Math or Formal Reasoning Course. USP Distributive Studies Area B Course. Prerequisite: MATH 141 or equivalent. Credit will be granted for only one of the following: MATH 240 or MATH 400 or MATH 461. — 4 credits

0111	MWF.....10:00am-10:50am (ARM 0135)		Grove, K
	TuTh.....9:00am- 9:50am (MTH 0306)	DIS	
0112	MWF.....10:00am-10:50am (ARM 0135)		Grove, K
	TuTh.....9:00am- 9:50am (MTH 0307)	DIS	
0121	MWF.....10:00am-10:50am (ARM 0135)		Grove, K
	TuTh.....10:00am-10:50am (MTH 0306)	DIS	
0122	MWF.....10:00am-10:50am (ARM 0135)		Grove, K
	TuTh.....10:00am-10:50am (MTH 0307)	DIS	
0131	MWF.....10:00am-10:50am (ARM 0135)		Grove, K
	TuTh.....11:00am-11:50am (MTH 0306)	DIS	
0132	MWF.....10:00am-10:50am (ARM 0135)		Grove, K
	TuTh.....11:00am-11:50am (MTH 0307)	DIS	
0141	MWF.....10:00am-10:50am (ARM 0135)		Grove, K
	TuTh.....12:00pm-12:50pm (MTH 0306)	DIS	
0142	MWF.....10:00am-10:50am (ARM 0135)		Grove, K
	TuTh.....12:00pm-12:50pm (MTH 0307)	DIS	
0211	MWF.....12:00pm-12:50pm (ARM 0135)		Grove, K
	TuTh.....12:00pm-12:50pm (MTH 0303)	DIS	
0212	MWF.....12:00pm-12:50pm (ARM 0135)		Grove, K
	TuTh.....12:00pm-12:50pm (MTH 0304)	DIS	
0221	MWF.....12:00pm-12:50pm (ARM 0135)		Grove, K
	TuTh.....1:00pm- 1:50pm (MTH 0303)	DIS	
0222	MWF.....12:00pm-12:50pm (ARM 0135)		Grove, K
	TuTh.....1:00pm- 1:50pm (MTH 0304)	DIS	
0231	MWF.....12:00pm-12:50pm (ARM 0135)		Grove, K
	TuTh.....2:00pm- 2:50pm (MTH 0303)	DIS	
0232	MWF.....12:00pm-12:50pm (ARM 0135)		Grove, K
	TuTh.....2:00pm- 2:50pm (MTH 0304)	DIS	
0241	MWF.....12:00pm-12:50pm (ARM 0135)		Grove, K
	TuTh.....3:00pm- 3:50pm (MTH 0303)	DIS	
0242	MWF.....12:00pm-12:50pm (ARM 0135)		Grove, K
	TuTh.....3:00pm- 3:50pm (MTH 0304)	DIS	

MATH241 Calculus III; Grade Method: REG/P-F/AUD. USP Distributive Studies Area B Course. Prerequisites: MATH 141 and any one of the following: MATH 240, or ENES 110, or PHYS 171. — 4 credits

1421	MWF.....10:00am-10:50am (ARM 0131)		Horvath, J
	TuTh.....11:00am-11:50am (MTH 0405)	DIS	
1422	MWF.....10:00am-10:50am (ARM 0131)		Horvath, J
	TuTh.....11:00am-11:50am (MTH 0201)	DIS	
1431	MWF.....10:00am-10:50am (ARM 0131)		Horvath, J
	TuTh.....12:00pm-12:50pm (MTH 0405)	DIS	
1432	MWF.....10:00am-10:50am (ARM 0131)		Horvath, J
	TuTh.....12:00pm-12:50pm (MTH 0201)	DIS	
1433	MWF.....10:00am-10:50am (ARM 0131)		Horvath, J
	TuTh.....12:00pm-12:50pm (MTH 0305)	DIS	
1441	MWF.....10:00am-10:50am (ARM 0131)		Horvath, J
	TuTh.....1:00pm- 1:50pm (MTH 0405)	DIS	
1442	MWF.....10:00am-10:50am (ARM 0131)		Horvath, J
	TuTh.....1:00pm- 1:50pm (MTH 0201)	DIS	
1443	MWF.....10:00am-10:50am (ARM 0131)		Horvath, J
	TuTh.....1:00pm- 1:50pm (MTH 1313)	DIS	
1601	MWThF.....9:00am- 9:50am (MTH 0102)		Chang, D
1701	MTuThF....10:00am-10:50am (MTH 0102)		Green, P
1801	MF.....11:00am-11:50am (MTH 0104)		Hubbard, B
	W.....11:00am-12:50pm (MTH 0104)		
1901	MW.....10:00am-10:50am (MTH 0411)		STAFF
	F.....9:00am-10:50am (MTH 0411)		
2001	MF.....2:00pm- 2:50pm (MTH 1308)		STAFF
	W.....2:00pm- 3:50pm (MTH 1308)		
2101	TuTh.....8:00am- 9:15am (MTH 0104)		Johnson, R
	W.....8:00am- 8:50am (MTH 0104)		
2201	M.....12:00pm- 1:50pm (MTH 0104)		Marlow, R
	WF.....1:00pm- 1:50pm (MTH 0104)		
2401	TuTh.....12:30pm- 2:30pm (MTH 0302)		STAFF
2501	MW.....12:00pm-12:50pm (MTH 0102)		Gulick, F
	F.....11:00am-12:50pm (MTH 0102)		
2601	TuTh.....3:30pm- 5:30pm (MTH 0302)		Winkelnkemper,

MATH241H (PermReq) Calculus III; Grade Method: REG/P-F/AUD. USP Distributive Studies Area B Course. Prerequisites: MATH 141 and any one of the following: MATH 240, or ENES 110, or PHYS 171. — 4 credits

3011	TuTh.....9:00am-10:50am (MTH B0423)		Schafer, J

MATH246 Differential Equations For Scientists and Engineers; Grade Method: REG/P-F/AUD. USP Distributive Studies Area B Course. Prerequisite: MATH 141 or equivalent. — 3 credits

0101	MWF.....8:00am- 8:50am (MTH B0421)		Osborn, J
0201	MWF.....9:00am- 9:50am (MTH 0302)		STAFF
0301	MWF.....10:00am-10:50am (MTH B0421)		Adams, W
0401	MWF.....12:00pm-12:50pm (MTH 0304)		Cook, C
0501	MWF.....1:00pm- 1:50pm (MTH 0102)		Cohen, J
0601	MWF.....2:00pm- 2:50pm (MTH 0302)		Helzer, G
0701	TuTh.....8:00am- 9:15am (MTH 0201)		Kleppner, A
0801	TuTh.....9:30am-10:45am (MTH B0421)		Sather, J
0901	TuTh.....11:00am-12:15pm (MTH 0104)		STAFF
1001	TuTh.....12:30pm- 1:45pm (MTH 0104)		Goldberg, S
1101	TuTh.....2:00pm- 3:15pm (MTH B0421)		Nochetto, R
1201	TuTh.....3:30pm- 4:45pm (MTH B0421)		Wilkerson, T

MATH246H (PermReq) Differential Equations For Scientists and Engineers; Grade Method: REG/P-F/AUD. USP Distributive Studies Area B Course. Prerequisite: MATH 141 or equivalent. — 3 credits

2011	TuTh.....2:00pm- 3:15pm (MTH 0107)		Antman, S

MATH250 (PermReq) Analysis I (Honors); Grade Method: REG/P-F/AUD. CORE Distributive Studies Math or Formal Reasoning Course. USP Distributive Studies Area B Course. Prerequisite: permission of department. — 4 credits

0111	TuTh.....9:00am-10:50am (MTH 1311)		Herb, R

MATH256 Introduction to Numerical Analysis; Grade Method: REG/P-F/AUD. Prerequisite: MATH 141. — 3 credits

0101	TuTh.....3:30pm- 4:45pm (MTH 0201)		STAFF

MATH299A Selected Topics in Mathematics; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

MATH386 Field Work; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

MATH387 Field Work Analysis; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

MATH400 (PermReq) Vectors and Matrices; Grade Method: REG/P-F/AUD. Prerequisite: MATH 221 or equivalent. Not open to students in the CMPS College. Credit will be granted for only one of the following: MATH 240, MATH 400, or MATH 461. — 3 credits

0101	MWF.....10:00am-10:50am (MTH 0301)		Lay, D

MATH401 Applications of Linear Algebra; Grade Method: REG/P-F/AUD. Prerequisite: MATH 240 or MATH 400 or MATH 461. — 3 credits

0101	MWF.....9:00am- 9:50am (MTH 0305)		Chu, H
0102	MWF.....9:00am- 9:50am (MTH 0201)		STAFF
0201	MWF.....2:00pm- 2:50pm (MTH 0411)		STAFF
0301	TuTh.....9:30am-10:45am (MTH 0405)		Washington, L

MATH402 Algebraic Structures; Grade Method: REG/P-F/AUD. Prerequisite: MATH 240 or equivalent. Not open to mathematics graduate students. Credit will be granted for only one of the following: MATH 402 or MATH 403. — 3 credits

0101	MWF.....11:00am-11:50am (MTH 0106)		Ellis, R
0201	MWF.....2:00pm- 2:50pm (MTH B0421)		Schneider, D

MATH403 Introduction to Abstract Algebra; Grade Method: REG/P-F/AUD. Prerequisites: MATH 240 and MATH 241, or equivalent. Credit will be granted for only one of the following: MATH 402 or MATH 403. — 3 credits

0101	MWF.....10:00am-10:50am (MTH 0306)		Warner, C

MATH405 Linear Algebra; Grade Method: REG/P-F/AUD. Prerequisite: MATH 240 or MATH 461. — 3 credits

0101	TuTh.....12:30pm- 1:45pm (MTH B0425)		Correl, E

MATH406 Introduction to Number Theory; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. Prerequisite: MATH 141 or permission of department. — 3 credits

0101	MWF.....11:00am-11:50am (MTH 0403)		Boyle, M
0201	MWF.....12:00pm-12:50pm (MTH 0103)		Lehner, G
0301	TuTh.....9:30am-10:45am (MTH 0407)		Rudolph, D
0401	TuTh.....11:00am-12:15pm (MTH B0421)		Ehrlich, G
0501	TuTh.....2:00pm- 3:15pm (MTH 0101)		Rosenberg, J

MATH410 (PermReq) Advanced Calculus I; Grade Method: REG/P-F/AUD. Prerequisites: MATH 240; and MATH 241. — 3 credits

0101	MWF.....9:00am- 9:50am (MTH B0421)		Slud, E
0201	MWF.....10:00am-10:50am (MTH 0201)		Hubbard, B
0301	TuTh.....9:30am-10:45am (MTH 0401)		Fitzpatrick, P
0401	TuTh.....11:00am-12:15pm (MTH 0411)		Goldberg, S

MATH411 (PermReq) Advanced Calculus II; Grade Method: REG/P-F/AUD. Prerequisites: MATH 410; and MATH 240 or MATH 400. — 3 credits

0101	MWF.....1:00pm- 1:50pm (MTH B0421)		Neri, U
0201	TuTh.....8:00am- 9:15am (MTH 0302)		Fitzpatrick, P

MATH414 Differential Equations; Grade Method: REG/P-F/AUD. Prerequisites: MATH 410; and MATH 240 or equivalent. — 3 credits

0101	MWF.....10:00am-10:50am (MTH 0409)		Chu, H

MATH415 Introduction to Partial Differential Equations; Grade Method: REG/P-F/AUD. Prerequisites: MATH 246; and [MATH 411 or MATH 251]. MATH 411 and MATH 415 may be taken concurrently. Credit will be granted for only one of the following: MATH 415 or MATH 462. — 3 credits

0101	TuTh.....9:30am-10:45am (MTH 0411)		Antman, S

MATH430 Euclidean and Non-Euclidean Geometries; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. Prerequisite: MATH 141. — 3 credits

0101	MWF.....11:00am-11:50am (ITV 1111)		Berg, K
0201	TuTh.....2:00pm- 3:15pm (MTH 0407)		Winkelnkemper,

MATH432 Introduction to Point Set Topology; Grade Method: REG/P-F/AUD. Prerequisite: MATH 410 or equivalent. — 3 credits

0101	MWF.....12:00pm-12:50pm (MTH 0105)		King, H

MATH444 Elementary Logic and Algorithms; Grade Method: REG/P-F/AUD. Prerequisite: MATH 240. Also offered as CMSC 450. — 3 credits

0101	MWF.....9:00am- 9:50am (MTH 0401)		Owings Jr., J
0201	TuTh.....8:00am- 9:15am (MTH 0407)		Lopez-Escobar,
0301	TuTh.....2:00pm- 3:15pm (EGR 2107)		Edmundson, H

MATH447 Introduction to Mathematical Logic; Grade Method: REG/P-F/AUD. Prerequisite: MATH 403 or MATH 410 or MATH 450. — 3 credits

0101	MWF.....11:00am-11:50am (MTH B0425)		Owings Jr., J

MATH461 Linear Algebra for Scientists and Engineers; Grade Method: REG/P-F/AUD. Prerequisites: MATH 141 and one MATH/STAT course for which MATH 141 is a prerequisite. This course cannot be used toward the upper level math requirements for MATH/STAT majors. Credit will be granted for only one of the following: MATH 240, MATH 400 or MATH 461. — 3 credits

0101	MWF.....8:00am- 8:50am (MTH 0201)		Chang, D
0201	MWF.....9:00am- 9:50am (ITV 1111)		Adams, W
0301	MWF.....11:00am-11:50am (MTH 1313)		Ehrlich, G
0401	MWF.....2:00pm- 2:50pm (MTH 0409)		Li, J
0501	TuTh.....11:00am-12:15pm (MTH 0401)		Wu, J
0601	TuTh.....12:30pm- 1:45pm (MTH 0102)		STAFF
0701	TuTh.....2:00pm- 3:15pm (MTH 0405)		Lopez-Escobar,

MATH462 Partial Differential Equations For Scientists and Engineers; Grade Method: REG/P-F/AUD. Prerequisites: MATH 241; and MATH 246. Credit will be granted for only one of the following: MATH 462 or MATH 415. — 3 credits

0101	MWF.....8:00am- 8:50am (MTH 0305)		STAFF
0201	MWF.....10:00am-10:50am (MTH 0101)		Cook, C
0301	TuTh.....8:00am- 9:15am (MTH B0421)		Hummel, J
0401	TuTh.....9:30am-10:45am (MTH 0201)		Johnson, R
0501	TuTh.....11:00am-12:15pm (MTH 0101)		Nochetto, R
0601	TuTh.....2:00pm- 3:15pm (MTH 0201)		Wang, X

MATH463 Complex Variables for Scientists and Engineers; Grade Method: REG/P-F/AUD. Prerequisite: MATH 241 or equivalent. — 3 credits

0101	MWF.....9:00am- 9:50am (EGR 2107)		Wolfe, P
0201	MWF.....12:00pm-12:50pm (MTH 0403)		Helzer, G
0401	TuTh.....9:30am-10:45am (MTH 0101)		Zedek, M
0501	TuTh.....11:00am-12:15pm (MTH 0102)		Kudla, S
0601	TuTh.....12:30pm- 1:45pm (MTH 0101)		Sather, J
0701	TuTh.....2:00pm- 3:15pm (MTH 1311)		Lipsman, R
0801	TuTh.....3:30pm- 4:45pm (MTH 0101)		Hamilton, D

MATH464 Transform Methods For Scientists and Engineers; Grade Method: REG/P-F/AUD. Prerequisites: MATH 246; and MATH 463. — 3 credits

0101	MWF.....10:00am-10:50am (MTH 0303)		Currier, A
0201	TuTh.....12:30pm- 1:45pm (MTH B0423)		Benedetto, J

MATH472 Methods and Models in Applied Mathematics I; Grade Method: REG/P-F/AUD. Prerequisite: [MATH 241; and MATH 246; and MATH 240; and PHYS 161 or PHYS 171] or permission of department. Recommended: one of: MATH 410, MATH 414, MATH 415, MATH 462, MATH 463 or PHYS 262, PHYS 273. Also offered as MAPL 472. Credit will be granted for only one of the following: MATH 472 and MAPL 472. — 3 credits

0101	TuTh.....11:00am-12:15pm (MTH B0427)		Maddocks, J

MATH475 Combinatorics and Graph Theory; Grade Method: REG/P-F/AUD. Prerequisites: MATH 240; and MATH 241. Also offered as CMSC 475. — 3 credits

0101	MWF.....11:00am-11:50am (MTH 0411)		Millson, J

MATH478A Selected Topics For Teachers of Mathematics; Gr

MATH648B Selected Topics in Analysis: Wavelets; Grade Method: REG/AUD. — 3 credits
0201 TuTh.....9:30am-10:45am (CHM 0124) Benedetto, J

MATH648C Selected Topics in Analysis: Geodesic Flows; Grade Method: REG/AUD. — 3 credits
0301 TuTh.....2:00pm- 3:15pm (MTH 0104) Brin, M

MATH660 Complex Analysis I; Grade Method: REG/AUD. Prerequisite: MATH 410 or equivalent. — 3 credits
0101 TuTh.....9:30am-10:45am (MTH 0107) Hamilton, D

MATH668A Selected Topics in Complex Analysis; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

MATH668B Selected Topics in Complex Analysis: Several Complex Variables; Grade Method: REG/AUD. — 3 credits
0201 MWF.....12:00pm-12:50pm (MTH 1313) Millson, J

MATH670 Ordinary Differential Equations I; Grade Method: REG/AUD. Prerequisites: MATH 405; and MATH 410 or the equivalent. Also offered as MAPL 670. — 3 credits
0101 TuTh.....9:30am-10:45am (MTH 0301) Markley, N

MATH673 Classical Methods in Partial Differential Equations I; Grade Method: REG/AUD. Prerequisite: MATH 410 or equivalent. Also offered as MAPL 673. — 3 credits
0101 TuTh.....11:00am-12:15pm (ARM 0101) Grillakis, M

MATH680 Eigenvalue and Boundary Value Problems I; Grade Method: REG/AUD. Prerequisites: MATH 405; and MATH 410 or equivalent. Also offered as MAPL 680. — 3 credits
0101 MWF.....10:00am-10:50am (MTH 0307) Wolfe, P

MATH712 Mathematical Logic I; Grade Method: REG/AUD. — 3 credits
0101 MWF.....1:00pm- 1:50pm (MTH 0301) Kueker, D

MATH718A Selected Topics in Mathematical Logic; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

MATH718B Selected Topics in Mathematical Logic: Topics in Model Theory; Grade Method: REG/AUD. — 3 credits
0201 MWF.....2:00pm- 2:50pm (MTH 0301) STAFF

MATH730 Fundamental Concepts of Topology; Grade Method: REG/AUD. Prerequisites: [MATH 410; and MATH 411; and MATH 403] or equivalent. — 3 credits
0101 MWF.....12:00pm-12:50pm (MTH 0305) Cohen, J

MATH740 Riemannian Geometry; Grade Method: REG/AUD. Prerequisites: [MATH 405; and MATH 411] or equivalent. — 3 credits
0101 MWF.....10:00am-10:50am (MTH 1313) Goldman, W

MATH748A Selected Topics in Geometry and Topology; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

MATH748B Selected Topics in Geometry and Topology: Real Algebraic Geometry; Grade Method: REG/AUD. — 3 credits
0201 TuTh.....11:00am-12:15pm (MTH 0107) Schafer, J

MATH748C Selected Topics in Geometry and Topology: Kahler Geometry; Grade Method: REG/AUD. — 3 credits
0301 TuTh.....2:00pm- 3:15pm (MTH 0401) Green, P

MATH748D Selected Topics in Geometry and Topology; Grade Method: REG/AUD. — 3 credits
0401 MWF.....1:00pm- 1:50pm (EGR 1108) Goldman, W

MATH799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

MATH899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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MEES Marine-Estuarine-Environmental Sciences (Life Sciences)

MEES440 Essentials of Toxicology; Grade Method: REG/P-F/AUD. Prerequisite: BCHM 261 or BCHM 461. — 2 credits
0101 W.....4:00pm- 6:00pm (HZF 1108) Page, N

MEES608A Seminar in Marine-Estuarine-Environmental Sciences; Grade Method: REG/AUD. — 1 credit
0101 Tu.....4:00pm- 6:00pm (SYM 0200) STAFF

MEES608B Seminar in Marine-Estuarine-Environmental Sciences; Grade Method: REG/AUD. Course given at Chesapeake Biological Laboratory. — 1 credit
0101 W.....10:00am-12:00pm (Arranged) STAFF

MEES608C Seminar in Marine-Estuarine-Environmental Sciences: Behavioral and Sensory Biology of Marine Mammals; Grade Method: REG/AUD. Course given at Horn Point Environmental Laboratory. — 1 credit
0101 W.....10:00am-10:50am (Arranged) Purcell, J

MEES661 Physics and Geology of Estuarine and Marine Environments; Grade Method: REG/AUD. — 3 credits
0101 Th.....2:00pm- 4:45pm (HZF 1101) Sanford, L

MEES681 Coastal Resource Use, Law and Management: The Chesapeake; Grade Method: REG/AUD. — 3 credits
0101 Tu.....6:00pm- 8:45pm (SYM 0200) Strand Jr., I

MEES698B Special Topics in Marine-Estuarine-Environmental Sciences: Pollution of the Chesapeake: A Public Policy Perspective; Grade Method: REG/AUD. — 3 credits
0101 Th.....6:00pm- 8:45pm (HBK 1116) Winegrad, G

MEES698M Special Topics in Marine-Estuarine-Environmental Sciences: Wildlife Management and Ecology; Grade Method: REG/AUD. Course given at Appalachian Environmental Lab. — 4 credits
0101 Time and room to be arranged Hoogland, J

MEES698N Special Topics in Marine-Estuarine-Environmental Sciences: Geochemical Modeling; Grade Method: REG/AUD. — 3 credits
0101 Time and room to be arranged Rice, D

MEES698P Special Topics in Marine-Estuarine-Environmental Sciences: Fisheries Management; Grade Method: REG/AUD. — 3 credits
0101 Th.....9:30am-12:15pm (EDU 1315) Houde, E

MEES699 (PermReq) Special Problems in Marine-Estuarine-Environmental Sciences; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

MEES799 Masters Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

MEES899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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METO Meteorology (Comp, Math, & Phys Sci)

METO400 The Atmosphere: Theory, Observation, Prediction; Grade Method: REG. Prerequisites: CHEM 103; and MATH 241; and MATH 246; and PHYS 263. — 3 credits
0101 TuTh.....9:30am-10:45am (CSS 2114) STAFF

METO434 Air Pollution; Grade Method: REG/P-F/AUD. Prerequisites: [CHEM 113 and MATH 241] or permission of department. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (CHM 0122) Dickerson, R

METO499 (PermReq) Special Problems in Atmospheric Science; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

METO600 Synoptic Meteorology I; Grade Method: REG/AUD. Pre- or corequisites: METO 610; and METO 620. — 3 credits
0101 MWF.....3:00pm- 3:50pm (CSS 2114) STAFF

METO610 Dynamic Meteorology I; Grade Method: REG/AUD. Pre- or corequisite: MATH 462. — 3 credits
0101 MWF.....9:00am- 9:50am (CSS 2114) Shukla, J

METO617 General Circulation of the Atmosphere; Grade Method: REG/AUD. Prerequisite: METO 610. — 3 credits
0101 MWF.....11:00am-11:50am (CSS 2114) Vernekar, A

METO620 (PermReq) Physical Meteorology I; Grade Method: REG/AUD. Prerequisite: MATH 461. — 3 credits
0101 TuTh.....8:00am- 9:15am (CSS 2114) Ellingson, R

METO658A Special Topics in Meteorology: Remote Sensing of Surface Climate; Grade Method: REG/AUD. Prerequisites: MATH 241, PHYS 263 or permission of instructor. — 3 credits
0101 TuTh.....11:00am-12:15pm (CSS 2114) Pinker, R

METO658B Special Topics in Meteorology: Climate Change; Grade Method: REG/AUD. Prerequisite: METO 617, METO 630 or permission of instructor. — 1-3 credits
0101 TuTh.....2:00pm- 3:15pm (CSS 2114) Robock, A

METO658E (PermReq) Special Topics in Meteorology; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

METO658L Special Topics in Meteorology: Long-Range Forecasting; Grade Method: REG/AUD. Prerequisite: permission of instructor. — 3 credits
0101 Time and room to be arranged Shukla, J

METO658S Special Topics in Meteorology: General Circulation of the Ocean; Grade Method: REG/AUD. — 1-3 credits
0101 Time and room to be arranged Carton, J

METO658T Special Topics in Meteorology: Remote Sensing; Grade Method: REG/AUD. Prerequisites: METO 625, METO 658A. — 3 credits
0101 Time and room to be arranged Thompson, O

METO658U Special Topics in Meteorology: Data Analysis and Initialization; Grade Method: REG/AUD. Prerequisites: METO 614 or equivalent or permission of instructor. — 3 credits
0101 Time and room to be arranged Baer, F

METO799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

METO899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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MICB Microbiology (Life Sciences)

The following courses may involve the use of animals. Students who are concerned about the use of animals in teaching have the responsibility to contact the instructor, prior to course enrollment, to determine whether animals are to be used in the course, whether class exercises involving animals are optional or required and what alternatives, if any, are available.

MICB100 Basic Microbiology; Grade Method: REG/P-F/AUD. CORE Distributive Studies Life Science Laboratory Course. USP Distributive Studies Area B Course. Credit will be granted for only one of the following: MICB 100 or MICB 200. Labs meet the first day. — 4 credits
0101 MWF.....10:00am-10:50am (ASY 2203) Benson, S
MW.....9:00am- 9:50am (MCB 1206) LAB
0102 MWF.....10:00am-10:50am (ASY 2203) Benson, S
MW.....11:00am-11:50am (MCB 1206) LAB
0103 MWF.....10:00am-10:50am (ASY 2203) Benson, S
MW.....12:00pm-12:50pm (MCB 1206) LAB
0104 MWF.....10:00am-10:50am (ASY 2203) Benson, S
MW.....1:00pm- 1:50pm (MCB 1206) LAB
0105 MWF.....10:00am-10:50am (ASY 2203) Benson, S
MW.....2:00pm- 2:50pm (MCB 1206) LAB
0106 MWF.....10:00am-10:50am (ASY 2203) Benson, S
MW.....3:00pm- 3:50pm (MCB 1206) LAB
0107 MWF.....10:00am-10:50am (ASY 2203) Benson, S
TuTh.....9:00am- 9:50am (MCB 1206) LAB
0108 MWF.....10:00am-10:50am (ASY 2203) Benson, S
TuTh.....10:00am-10:50am (MCB 1206) LAB
0109 MWF.....10:00am-10:50am (ASY 2203) Benson, S
TuTh.....11:00am-11:50am (MCB 1206) LAB
0110 MWF.....10:00am-10:50am (ASY 2203) Benson, S
TuTh.....12:00pm-12:50pm (MCB 1206) LAB

MICB200 General Microbiology; Grade Method: REG/P-F/AUD. CORE Distributive Studies Life Science Laboratory Course. USP Distributive Studies Area B Course. Prerequisite: CHEM 113. Credit will be granted for only one of the following: MICB 100 or MICB 200. Required for all MICB majors and prerequisite for all other departmental courses for MICB majors. Labs will start on first day of classes. — 4 credits
0101 TuTh.....11:00am-11:50am (SHM 2101) Smith, A
MW.....9:00am-10:50am (MCB 1205) LAB
0102 TuTh.....11:00am-11:50am (SHM 2101) Smith, A
MW.....9:00am-10:50am (MCB 1201) LAB
0103 TuTh.....11:00am-11:50am (SHM 2101) Smith, A
MW.....12:00pm- 1:50pm (MCB 1205) LAB
0104 TuTh.....11:00am-11:50am (SHM 2101) Smith, A
MW.....12:00pm- 1:50pm (MCB 1201) LAB
0105 TuTh.....11:00am-11:50am (SHM 2101) Smith, A
MW.....2:00pm- 3:50pm (MCB 1205) LAB
0106 TuTh.....11:00am-11:50am (SHM 2101) Smith, A
MW.....2:00pm- 3:50pm (MCB 1201) LAB
0108 TuTh.....11:00am-11:50am (SHM 2101) Smith, A
TuTh.....9:00am-10:50am (MCB 1205) LAB
0109 TuTh.....11:00am-11:50am (SHM 2101) Smith, A
TuTh.....12:00pm- 1:50pm (MCB 1205) LAB
0110 TuTh.....11:00am-11:50am (SHM 2101) Smith, A
TuTh.....12:00pm- 1:50pm (MCB 1201) LAB
0111 TuTh.....11:00am-11:50am (SHM 2101) Smith, A
TuTh.....2:00pm- 3:50pm (MCB 1205) LAB
0112 TuTh.....11:00am-11:50am (SHM 2101) Smith, A
TuTh.....2:00pm- 3:50pm (MCB 1201) LAB

MICB200H (PermReq) General Microbiology; Grade Method: REG. CORE Distributive Studies Life Science Laboratory Course. USP Distributive Studies Area B Course. Prerequisite: CHEM 113. Credit will be granted for only one of the following: MICB 100 or MICB 200. Labs will start on first day of classes. Limited to General Honors students; obtain permission from General Honors office. MICB majors who are not in General Honors may see Microbiology Department for special permission. — 4 credits
0101 TuTh.....11:00am-11:50am (SHM 2101) Smith, A
TuTh.....9:00am-10:50am (MCB 1201) LAB

MICB379 (PermReq) Honors Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Open only to departmental honors students. — 2-3 credits

MICB380 Bacterial Genetics; Grade Method: REG/P-F/AUD. Prerequisites: CHEM 243 or CHEM 245 and 8 credits of microbiology. — 4 credits
0101 TuTh.....11:00am-11:50am (MCB 1207) Voll, M
TuTh.....2:00pm- 4:00pm (MCB 1103A) LAB
0102 TuTh.....11:00am-11:50am (MCB 1207) Voll, M
TuTh.....2:00pm- 4:00pm (MCB 1104) LAB

MICB388 (PermReq) Special Topics in Microbiology; Grade Method: REG/P-F/AUD. Prerequisite: two lab courses in microbiology. May be repeated but only 4 credits may be applied to major requirements. — 1-4 credits
0101 Time and room to be arranged Hetrick, F

MICB388P (PermReq) Special Topics in Microbiology: Pre-Med Internship; Grade Method: REG/P-F. Prerequisite: 4 laboratory science courses, minimum GPA of 3.3; interest in medicine. Instructors will be R. Weiner, B. Epstein, G. Jaffe, and L. Cohen. — 2 credits
0101 Th.....12:00pm- 4:00pm (MCB 2119) Weiner, R

MICB388R (PermReq) Special Topics in Microbiology: Special Topics in Microbiology Research Projects; Grade Method: REG/P-F/AUD. — 1-4 credits
0101 Time and room to be arranged Joseph, S

MICB399 (PermReq) Microbiological Problems; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: 16 credits in MICB. May be repeated, but only 3 credits can be applied to major requirements. — 3 credits

MICB440 Pathogenic Microbiology; Grade Method: REG/P-F/AUD. Prerequisite: MICB 200. — 4 credits
0101 MW.....11:00am-11:50am (JMZ 0220) Joseph, S
TuTh.....9:00am-11:00am (MCB 1143) LAB
0102 MW.....11:00am-11:50am (JMZ 0220) Joseph, S
TuTh.....9:00am-11:00am (MCB 1135) LAB
0103 MW.....11:00am-11:50am (JMZ 0220) Joseph, S
TuTh.....11:00am- 1:00pm (MCB 1143) LAB
0104 MW.....11:00am-11:50am (JMZ 0220) Joseph, S
TuTh.....11:00am- 1:00pm (MCB 1135) LAB
0105 MW.....11:00am-11:50am (JMZ 0220) Joseph, S
TuTh.....1:00pm- 3:00pm (MCB 1143) LAB
0106 MW.....11:00am-11:50am (JMZ 0220) Joseph, S
TuTh.....3:00pm- 5:00pm (MCB 1135) LAB
0107 MW.....11:00am-11:50am (JMZ 0220) Joseph, S
TuTh.....9:00am-11:00am (MCB 1138) LAB

MICB480 Microbial Ecology; Grade Method: REG/P-F/AUD. Prerequisites: MICB 200; and CHEM 243 or CHEM 245. — 3 credits
0101 MWF.....1:00pm- 1:50pm (MCB 1207) Weiner, R

MICB674 Bacterial Metabolism; Grade Method: REG/AUD. Prerequisite: MICB 470 or equivalent; and BCHM 482. — 2 credits
0101 MW.....4:00pm- 4:50pm (MCB 1207) MacQuillan, A

MICB688 (PermReq) Special Topics; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-4 credits

MICB688A (PermReq) Special Topics: Current Topics in Immunology; Grade Method: REG/AUD. — 1 credit
0101 Time and room to be arranged Roberson, B

MICB688C (PermReq) Special Topics: Selected Topics in Marine Biotechnology; Grade Method: REG/AUD. — 1 credit
0101 F.....10:00am-11:00am (MCB 2119) Weiner, R

MICB688J (PermReq) Special Topics: Current Topics in Bacterial Pathogenesis; Grade Method: REG/AUD. — 1 credit
0101 Time and room to be arranged Joseph, S

MICB688K (PermReq) Special Topics: Current Topics in Systematics; Grade Method: REG/AUD. — 1 credit
0101 Time and room to be arranged Colwell, R

MICB688P (PermReq) Special Topics: Gene Expression and Regulation; Grade Method: REG/AUD. — 2 credits
0101 MW.....9:00am- 9:50am (MCB 1207) Capage, M

MICB688S Special Topics: Biology of Plasmids; Grade Method: REG/AUD. — 2 credits
0101 Tu.....4:00pm- 5:50pm (MCB 1207) Stein, D

MICB780 Genetics of Microorganisms; Grade Method: REG/AUD. Prerequisite: BCHM 461; and BCHM 462 or equivalent. — 2 credits
0101 Th.....4:00pm- 5:50pm (MCB 1207) Robb, F

MICB788 Seminar; Grade Method: REG/AUD. — 1 credit
0101 F.....12:00pm-12:50pm (MCB 1207) Yuan, R
F.....3:00pm- 5:00pm (MCB 1207) DIS

MICB799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

MICB899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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MUED Music Education (Education)

MUED411 (PermReq) Instrumental Music: Methods and Materials For the Elementary School; Grade Method: REG/AUD. — 3 credits
0101 TuTh.....10:00am-11:50am (TWS 1123) Saunders, C
Time and room to be arranged LAB

MUED470 (PermReq) General Concepts For Teaching Music; Grade Method: REG/AUD. Corequisite: MUED 411 or MUED 471. Concurrent registration in MUED 411 or MUED 471 required. Limited to music education majors. — 1 credit
0101 TuTh.....9:00am- 9:50am (TWS 3116) Troth, E

MUED471 (PermReq) Methods For Teaching Elementary General Music; Grade Method: REG/AUD. Concurrent registration in MUED 470 required. Limited to music education majors. — 3 credits
0101 TuTh.....10:00am-12:00pm (TWS 3132) STAFF

MUED499A (PermReq) Workshops, Clinics, Institutes: Measurement and Evaluation of Music Teaching and Learning; Grade Method: REG/P-F/AUD. — 3 credits
0101 Tu.....7:00pm- 9:30pm (TWS 3132) Saunders, C

MUED499B (PermReq) Workshops, Clinics, Institutes: Structuring Elementary General Music Experiences; Grade Method: REG/AUD. — 3 credits
0101 W.....6:30pm- 9:00pm (TWS 3132) STAFF

MUED692 (PermReq) Foundations of Music Education; Grade Method: REG/AUD. — 3 credits
0101 M.....7:00pm- 9:30pm (TWS 3116) Folstrom, R

MUED698A (PermReq) Current Trends in Music Education: Measurement and Evaluation of Music Teaching and Learning; Grade Method: REG/AUD. — 3 credits
0101 Tu.....7:00pm- 9:30pm (TWS 3132) Saunders, C

MUED698B (PermReq) Current Trends in Music Education: Structuring Elementary General Music Experiences; Grade Method: REG/AUD. — 3 credits
0101 W.....6:30pm- 9:00pm (TWS 3132) STAFF

MUSC Music (Arts and Humanities)

MUSC100 Beginning Class Voice; Grade Method: REG. — 2 credits
0101 TuTh.....10:00am-10:50am (TWS 3116) Kornhauser, E
0201 MW.....10:00am-10:50am (TWS 3116) Kornhauser, E
0301 MW.....9:00am- 9:50am (TWS 3116) Hopkins, S
0401 MW.....12:00pm-12:50pm (TWS 3116) Hopkins, S
0501 MW.....11:00am-11:50am (TWS 3116) Hopkins, S
0601 TuTh.....11:00am-11:50am (TWS 3116) Duersten-Pettit
0701 MW.....1:00pm- 1:50pm (TWS 3116) Duersten-Pettit
0801 TuTh.....2:00pm- 2:50pm (TWS 2135) Duersten-Pettit

MUSC102 Beginning Class Piano I; Grade Method: REG. Limited to MUED and MUSC majors with little or no piano experience. — 2 credits
0101 MWF.....12:00pm-12:50pm (TWS 3218) Elliston, R

MUSC102A (PermReq) Beginning Class Piano I; Grade Method: REG. Limited to MUED and MUSC majors with previous piano experience. — 2 credits
0101 MWF.....10:00am-10:50am (TWS 3218) Elliston, R

MUSC102B Beginning Class Piano I; Grade Method: REG/P-F. Limited to non-music majors. — 2 credits
0101 TuTh.....9:30am-10:45am (TWS 3218) STAFF
0201 TuTh.....12:30pm- 1:45pm (TWS 3218) STAFF

MUSC110 (PermReq) Class Study of String Instruments; Grade Method: REG/P-F. Open only to majors in music education (vocal option). — 2 credits
0101 TBA (TWS 1102) Fischbach, G

MUSC114 (PermReq) Class Study: Cello and Bass; Grade Method: REG/P-F/AUD. Open only to majors in music education (instrumental option). — 2 credits
0101 MWF.....9:00am- 9:50am (TWS 1102) Elsing, E

MUSC116 (PermReq) Class Study: Clarinet; Grade Method: REG/AUD. Open only to majors in music education (instrumental option). — 2 credits
0101 MWF.....10:00am-10:50am (TWS 1123) Heim, N
Tu.....8:00am- 8:50am (TWS 1102) LAB

MUSC120 (PermReq) Class Study: Cornet; Grade Method: REG/AUD. Open only to majors in music education (instrumental option). — 2 credits
0101 MWF.....9:00am- 9:50am (TWS 1102) Head, E
Tu.....8:00am- 8:50am (TWS 1102) LAB

MUSC123 (PermReq) Movement for Singers; Grade Method: REG/P-F/AUD. — 1 credit
0101 Th.....1:00pm- 3:00pm (TWS 1125) Balthrop, C

MUSC127 (PermReq) Vocal Diction: Italian and Spanish; Grade Method: REG. — 1 credit
0101 Th.....11:00am-12:50pm (TWS 2138) Cossa, D

MUSC128 (PermReq) Sight Reading For Pianists; Grade Method: REG. For Bachelor of Music piano majors only. — 2 credits
0101 TuTh.....10:00am-10:50am (TWS 3129) Garvey, E

MUSC129A (PermReq) Ensemble: Chamber Music - Strings; Grade Method: REG. — 1 credit
0101 Time and room to be arranged Elsing, E

MUSC129B Ensemble: Chamber Music - Woodwinds; Grade Method: REG. — 1 credit
0101 TBA (TWS 3125) Montgomery, W
0201 Time and room to be arranged Heim, N
0301 TBA (TWS 1127) Jackson, R
0401 TBA (TWS 3145) Walters, E
0601 Time and room to be arranged STAFF

MUSC129C Ensemble: Chamber Music - Brasses; Grade Method: REG. — 1 credit
0101 TBA (TWS 2229) Olson, O
0201 TBA (TWS 3121) Head, E
0301 Time and room to be arranged Sparks, L
0401 Time and room to be arranged Stevens, M

MUSC129D Ensemble: Chamber Music - Clarinet Choir; Grade Method: REG. — 1 credit
0101 MF.....2:00pm- 2:50pm (TWS 1123) Heim, N

MUSC129E Ensemble: Chamber Music - Brass Choir; Grade Method: REG. — 1 credit
0101 MW.....12:00pm-12:50pm (TWS 1102) Olson, O

MUSC129F Ensemble: Chamber Music - Percussion Ensemble; Grade Method: REG. — 1 credit
0101 TuTh.....11:00am-12:15pm (TWS 1102) Barnett, R

MUSC129G Ensemble: Chamber Music - Percussion Keyboard Ensemble; Grade Method: REG. — 1 credit
0101 TBA (TWS 1205) Barnett, R

MUSC129I Ensemble: 20th Century; Grade Method: REG/P-F/AUD. — 1 credit
0101 TBA (TWS 1231D) LAB Gibson, R

MUSC129J Ensemble: Chamber Music - Jazz Ensemble; Grade Method: REG. — 1 credit
- 0101 MW.....5:30pm- 7:00pm (TWS 1102) — Ross, G
- 0201 MWF.....1:00pm- 1:50pm (TWS 1102) — Ross, G

MUSC129K Ensemble: Chamber Music - Non-Western Ensemble; Grade Method: REG. — 1 credit
- 0101 TBA (TWS 3108) — Robertson, C

MUSC129L Ensemble: Chamber Music Mixed Media; Grade Method: REG. — 1 credit
- 0101 TBA (TWS 3125) — Montgomery, W

MUSC129M Ensemble: Chamber Music - Flute Choir; Grade Method: REG. — 1 credit
- 0101 TuTh.....2:00pm- 3:15pm (TWS 3116) — Montgomery, W

MUSC129T Ensemble: Tuba; Grade Method: REG/AUD. — 1 credit
- 0101 MW.....11:00am-12:00pm (TWS 1102) — Sparks, L

MUSC130 Survey of Music Literature; Grade Method: REG/AUD. CORE Distributive Studies Arts Course. USP Distributive Studies Area C Course. Open to all students except music and music education majors. — 3 credits
- 0101 MWF.....10:00am-10:50am (TWS 2102) — Helm, E
- 0201 MWF.....9:00am- 9:50am (TWS 2102) — Davis, S
- 0301 MWF.....11:00am-11:50am (TWS 2102) — Wexler, R

MUSC140 Music Fundamentals I; Grade Method: REG/AUD. CORE Distributive Studies Arts Course. USP Distributive Studies Area C Course. Limited to non-music majors. — 3 credits
- 0101 MWF.....1:00pm- 1:50pm (TWS 2123) — Phillips, G
- 0201 TuTh.....8:00am- 9:15am (TWS 2102) — Olson, O
- 0301 MWF.....8:00am- 8:50am (TWS 2102) — Hampton, E
- 0401 TuTh.....9:30am-10:45am (TWS 2102) — Eastman, D

MUSC150 (PermReq) Theory of Music I; Grade Method: REG. Prerequisite: departmental audition and entrance examination. For MUSC majors only. — 3 credits
- 0101 MWF.....9:00am- 9:50am (TWS 2123) — DeLio, T
  TuTh.....9:00am- 9:50am (TWS 2123) LAB
- 0102 MWF.....9:00am- 9:50am (TWS 2123) — DeLio, T
  TuTh.....9:00am- 9:50am (TWS 2138) LAB
- 0201 TuThF.....8:00am- 9:50am (TWS 2135) — Payerle, L
  MW.....8:00am- 9:50am (TWS 2135) LAB
- 0202 TuThF.....9:00am- 9:50am (TWS 2135) — Payerle, L
  MW.....9:00am- 9:50am (TWS 2138) LAB

MUSC155 Fundamentals for the Classroom Teacher; Grade Method: REG/P-F/AUD. Open to students majoring in pre-early childhood education, pre-elementary education, elementary education, or childhood education; other students take MUSC 150. Credit will be granted for only one of the following: MUSC 150 or MUSC 155. — 3 credits
- 0101 MWF.....11:00am-11:50am (TWS 2123) — Warren, D
- 0201 MWF.....10:00am-10:50am (TWS 2123) — Warren, D
- 0301 TuTh.....3:30pm- 4:45pm (TWS 2123) — Zinkievich, K

MUSC200 Intermediate Class Voice I; Grade Method: REG/AUD. Prerequisite: MUSC 100 or equivalent vocal training. — 2 credits
- 0101 TuTh.....11:00am-11:50am (TWS 2135) — Kornhauser, E

MUSC202 (PermReq) Intermediate Class Piano I; Grade Method: REG. Prerequisite: MUSC 103 or equivalent piano training. Only for voice and instrumental principals with limited piano experience. — 2 credits
- 0101 MWF.....9:00am- 9:50am (TWS 3218) — Elliston, R

MUSC202A Intermediate Class Piano I; Grade Method: REG. Prerequisite: MUSC 103 or equivalent piano training. Limited to piano principals and voice majors with piano minor. — 2 credits
- 0101 TuTh.....11:00am-12:15pm (TWS 3218) — Elliston, R

MUSC210 The Impact of Music on Life; Grade Method: REG. CORE Distributive Studies Arts Course. CORE Distributive Studies Cultural Diversity Course. — 3 credits
- 0101 MW.....1:00pm- 1:50pm (TWS 2102) — Herndon, M
  F.....1:00pm- 1:50pm (TWS 2102) DIS
- 0102 MW.....1:00pm- 1:50pm (TWS 2102) — Herndon, M
  F.....12:00pm-12:50pm (TWS 2123) DIS
- 0103 MW.....1:00pm- 1:50pm (TWS 2102) — Herndon, M
  F.....2:00pm- 2:50pm (TWS 2123) DIS

MUSC215 The Art of the Performer; Grade Method: REG/P-F. USP Distributive Studies Area C Course. — 3 credits
- 0101 MWF.....10:00am-10:50am (TWS 1125) — Walters, E

MUSC217 Class Composition I; Grade Method: REG. Prerequisite: MUSC 151 and permission of department. — 2 credits
- 0101 TBA (TWS 1219B) — Moss, L

MUSC228 (PermReq) Accompanying For Pianist; Accompanying for Pianist; Grade Method: REG. — 2 credits
- 0101 TuTh.....11:00am-11:50am (TWS 2102) — McCoy, R

MUSC229A Ensemble: Orchestra; Grade Method: REG. Open by audition. — 1 credit
- 0101 MWF.....3:00pm- 5:00pm (TWS 1102) — Hudson, W
  Tu.....7:00pm- 9:30pm (TWS 1102)

MUSC229D Ensemble: Symphonic Wind Ensemble; Grade Method: REG. Open by audition. — 1 credit
- 0101 TuTh.....3:30pm- 5:45pm (TWS 1102) — Wakefield, J

MUSC229E Ensemble: Concert Band; Grade Method: REG. Open by audition. — 1 credit
- 0101 TuTh.....2:00pm- 3:15pm (TWS 1102) — Sparks, L

MUSC229F Ensemble: Marching Band; Grade Method: REG. Open by audition. — 1 credit
- 0101 MWF.....3:00pm- 5:00pm (Arranged) — Sparks, L

MUSC229G Ensemble: Marching Band Repertoire; Grade Method: REG. Concurrent registration with MUSC 229F required. — 1 credit
- 0101 Th.....6:30pm- 8:30pm (TWS 1102) — Sparks, L

MUSC229I Ensemble: Marching Band Auxiliary; Grade Method: REG. Concurrent registration in MUSC 229F is required. — 1 credit
- 0101 TuTh.....8:00pm-10:00pm (Arranged) — Sparks, L

MUSC229R Ensemble: Repertoire Orchestra; Grade Method: REG/AUD. — 1 credit
- 0101 W.....7:30pm- 9:30pm (TWS 1102) — Head, E

MUSC230 (PermReq) History of Music I; Grade Method: REG/AUD. Prerequisite: MUSC 250 or equivalent. Corelli through Beethoven. — 3 credits
- 0101 MWF.....2:00pm- 2:50pm (TWS 2135) — Davis, S

MUSC250 (PermReq) Advanced Theory of Music I; Grade Method: REG. Prerequisite: MUSC 151 with a minimum grade of C. — 4 credits
- 0101 MWF.....10:00am-10:50am (TWS 2135) — Gibson, R
  TuTh.....10:00am-10:50am (TWS 2135) LAB
- 0102 MWF.....10:00am-10:50am (TWS 2135) — Gibson, R
  TuTh.....10:00am-10:50am (TWS 2123) LAB
- 0201 TuThF.....10:00am-10:50am (TWS 2138) — Payerle, L
  MW.....10:00am-10:50am (TWS 2138) LAB
- 0202 TuThF.....10:00am-10:50am (TWS 2138) — Payerle, L
  MW.....10:00am-10:50am (TWS 1102) LAB

MUSC329A Ensemble: University of Maryland Chorale; Grade Method: REG. Open by audition. — 1 credit
- 0101 TuTh.....3:30pm- 5:30pm (TWS 2102) — Folstrom, R

MUSC329D Ensemble: University Chorus; Grade Method: REG. Open by audition. Please report to TWS 2102. — 1 credit
- 0101 Tu.....7:30pm-10:00pm (TWS 2102) — Traver, P
  TBA (TWS 2123)
  TBA (TWS 2135)

MUSC329E Ensemble: Gospel Choir; Grade Method: REG. — 1 credit
- 0101 Th.....7:00pm-10:00pm (TWS 2102) — Foster, V

MUSC331 (PermReq) History of Music III; Grade Method: REG/AUD. Prerequisite: MUSC 230 and MUSC 330. Antiquity through baroque era. — 3 credits
- 0101 MWF.....2:00pm- 2:50pm (TWS 3116) — Wexler, R

MUSC340 Music Literature Survey I; Grade Method: REG. USP Advanced Studies Development of Knowledge Course. Prerequisite: MUSC 130 or equivalent. Limited to non-music majors. — 3 credits
- 0101 MW.....2:00pm- 3:30pm (TWS 2102) — Serwer, H

MUSC345 Jazz Theory and Improvisation I; Grade Method: REG/AUD. Prerequisite: MUSC 251 or permission of department. — 3 credits
- 0101 M.....7:00pm-10:00pm (TWS 1102) — Ross, G

MUSC386 (PermReq) Field Work; Grade Method: REG/P-F/AUD. — 1-3 credits
- 0101 Time and room to be arranged — Cooper, J

MUSC387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD. — 1-3 credits
- 0101 Time and room to be arranged — Cooper, J

MUSC388 (PermReq) Music Internship; Grade Method: REG. — 3 credits
- 0101 TBA (TWS 2114) — Cooper, J

MUSC389 (PermReq) Music Internship Analysis; Grade Method: REG. — 1 credit
- 0101 TBA (TWS 2114) — Cooper, J

MUSC400S (PermReq) Music Pedagogy; Grade Method: REG/P-F/AUD. Pre- or corequisite: MUSC 418 or a more advanced course in applied music. For string majors. — 3 credits
- 0101 Time and room to be arranged — Elsing, E
- 0201 Time and room to be arranged — Fischbach, G
- 0301 Time and room to be arranged — STAFF

MUSC400W (PermReq) Music Pedagogy; Grade Method: REG/P-F/AUD. Pre- or corequisite: MUSC 418 or a more advanced course in applied music. For wind and percussion majors. — 3 credits
- 0101 Time and room to be arranged — Barnett, R
- 0201 Time and room to be arranged — Bowman, B
- 0301 Time and room to be arranged — Head, E
- 0401 Time and room to be arranged — Heim, N
- 0501 Time and room to be arranged — Hudson, W
- 0601 Time and room to be arranged — Jackson, R
- 0701 Time and room to be arranged — Montgomery, W
- 0801 Time and room to be arranged — Olson, O
- 0901 Time and room to be arranged — Ross, G
- 1001 Time and room to be arranged — Sparks, L
- 2001 Time and room to be arranged — Stevens, M
- 3001 Time and room to be arranged — Wakefield, J
- 4001 Time and room to be arranged — Walters, E

MUSC428 (PermReq) Repertoire Coaching of Vocal or Chamber Music; Grade Method: REG. — 2 credits
- 0101 TBA (TWS 3218) — Elliston, R
- 0201 TBA (TWS 3129) — Garvey, E
- 0301 TBA (TWS 2233) — McCoy, R

MUSC429 (PermReq) Opera Theater; Grade Method: REG/AUD. Please report to Room 2148B, Tawes Fine Arts, for time and room schedule. — 2-3 credits
- 0101 TBA (TWS 3228) — Crawford, L

MUSC432 Music in World Cultures I; Grade Method: REG/AUD. CORE Distributive Studies Cultural Diversity Course. Prerequisite: MUSC 130 or permission of department. — 3 credits
- 0101 Tu.....3:30pm- 6:00pm (TWS 3116) — Robertson, C

MUSC439 Collegium Musicum; Grade Method: REG. — 1 credit
- 0101 MW.....4:00pm- 5:30pm (TWS 1123) — Wexler, R

MUSC443 (PermReq) Solo Vocal Literature; Grade Method: REG/P-F/AUD. Prerequisite: MUSC 330, MUSC 331 or equivalent. — 3 credits
- 0101 Tu.....4:00pm- 6:30pm (TWS 2138) — Urban, E

MUSC448 (PermReq) Selected Topics in Music; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 2-3 credits

MUSC448E (PermReq) Selected Topics in Music: Advanced English Diction; Grade Method: REG/P-F/AUD. — 1 credit
- 0101 W.....12:30pm- 2:00pm (TWS 3238) — Mabbs, L

MUSC448G (PermReq) Selected Topics in Music: Advanced German Diction; Grade Method: REG/P-F/AUD. — 1 credit
- 0101 W.....10:00am-12:00pm (TWS 3228) — McDonald, J

MUSC448J Selected Topics in Music: Jazz Vocal Techniques and Piano Accompaniments; Grade Method: REG/AUD. Audition required. — 2 credits
- 0101 W.....7:00pm-10:00pm (TWS 3218) — Wells, R
- 0201 W.....4:00pm- 7:00pm (TWS 3218) LAB — Wells, R

MUSC448K (PermReq) Selected Topics in Music: Fortepiano Masterclass; Grade Method: REG/P-F/AUD. For piano majors only. — 2 credits
- 0101 TuTh.....9:00am- 9:50am (TWS 3129) — Garvey, E

MUSC448M (PermReq) Selected Topics in Music: Interpretation of Vocal Literature; Grade Method: REG/AUD. Open to singers and pianists. — 2 credits
- 0101 Tu.....4:00pm- 6:30pm (TWS 2138) — McCoy, R

MUSC448N (PermReq) Selected Topics in Music: Jazz Theory; Grade Method: REG/P-F/AUD. — 2 credits
- 0101 MW.....12:00pm-12:50pm (TWS 2123) — Gibson, R

MUSC448P (PermReq) Selected Topics in Music: Master Class Series in 17th and 18th Century Music Performance; Grade Method: REG/AUD. Lab one instructor, K. Slowik; lab two instructor, J. Schroeder. — 2 credits
- 0101 W.....12:00pm- 3:00pm (TWS 1125) — Weaver, J
  Time and room to be arranged LAB

MUSC448R Selected Topics in Music: The Business of Music I; Grade Method: REG/AUD. — 2 credits
- 0101 MW.....2:00pm- 2:50pm (TWS 2138) — Walters, E

MUSC448S (PermReq) Selected Topics in Music: Symphonic Literature; Grade Method: REG/AUD. — 3 credits
- 0101 Tu.....7:00pm- 9:30pm (TWS 3116) — Davis, S

MUSC448T (PermReq) Selected Topics in Music: Theories of Heinrich Schenker; Grade Method: REG/P-F/AUD. — 2 credits
- 0101 M.....7:30pm- 9:30pm (TWS 2138) — DeLio, T

MUSC450 (PermReq) Musical Form; Grade Method: REG/AUD. Prerequisite: MUSC 251. — 3 credits
- 0101 TuTh.....2:00pm- 3:15pm (TWS 2123) — Payerle, L

MUSC451 (PermReq) Analysis of Music; Grade Method: REG/P-F/AUD. Prerequisite: MUSC 450 or permission of department. — 3 credits
- 0101 M.....11:00am- 1:00pm (TWS 2138) — DeLio, T

MUSC457 (PermReq) Electronic Music Composition; Grade Method: REG. Prerequisite: MUSC 250 and permission of department. — 2 credits
- 0101 Tu.....2:00pm- 4:00pm (TWS 1231A) — Wilson, M
- 0201 W.....11:00am- 1:00pm (TWS 1231A) — Wilson, M

MUSC467 (PermReq) Piano Pedagogy I; Grade Method: REG/P-F/AUD. — 3 credits
- 0101 MW.....11:30am-12:50pm (TWS 2135) — Koscielny, A

MUSC470 (PermReq) Harmonic and Contrapuntal Practices of the Twentieth Century; Grade Method: REG/AUD. — 2 credits
- 0101 TuTh.....11:00am-11:50am (TWS 2123) — Wilson, M

MUSC490 (PermReq) Conducting; Grade Method: REG/AUD. Prerequisite: MUSC 251. — 2 credits
- 0101 MWF.....1:00pm- 1:50pm (TWS 2138) — Hudson, W
- 0201 MWF.....1:00pm- 1:50pm (TWS 2135) — Cooper, J

MUSC499 Independent Studies; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 2-3 credits

MUSC608 Chamber Music Repertory; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

MUSC635 (PermReq) American Music; Grade Method: REG/AUD. Prerequisite: permission of department. — 3 credits
- 0101 Tu.....9:30am-12:00pm (TWS 3131) — Serwer, H

MUSC643 (PermReq) Seminar in Solo Vocal Literature I; Grade Method: REG/AUD. — 3 credits
- 0101 Tu.....4:00pm- 6:30pm (TWS 2138) — Urban, E

MUSC648 (PermReq) Seminar in Music Research; Grade Method: REG/AUD. — 3 credits
- 0101 Th.....9:30am-12:00pm (TWS 3131) — Helm, E
- 0201 W.....7:00pm- 9:30pm (TWS 3131) — Cohen, H

MUSC670 (PermReq) Advanced Analytical Techniques I; Grade Method: REG/AUD. Prerequisite: MUSC 451 or permission of department. — 3 credits
- 0101 Th.....3:15pm- 5:45pm (TWS 3116) — Moss, L

MUSC679 (PermReq) Seminar in Ethnomusicology; Grade Method: REG/AUD. — 3 credits
- 0101 Th.....3:30pm- 6:00pm (TWS 2135) — Robertson, C

MUSC689 (PermReq) Advanced Conducting; Grade Method: REG/AUD. — 3 credits
- 0101 Th.....4:00pm- 6:30pm (TWS 2138) — Traver, P
- 0201 TBA (TWS 3267) — Hudson, W
- 0301 TBA (TWS 1108) — Wakefield, J

MUSC699 (PermReq) Selected Topics in Music; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 2-3 credits

MUSC699A (PermReq) Selected Topics in Music: Opera Techniques I; Grade Method: REG. Concurrent registration in MUSC 448E required. — 2-3 credits
- 0101 Time and room to be arranged — Adamo-Williams,
  Time and room to be arranged LAB

MUSC699C (PermReq) Selected Topics in Music: Advanced Opera Techniques I; Grade Method: REG. Concurrent registration in MUSC 448G required. — 2-3 credits
- 0101 Time and room to be arranged — Major, L
  Time and room to be arranged LAB

MUSC699E (PermReq) Selected Topics in Music: Opera Production; Grade Method: REG. — 2-3 credits
- 0101 TBA (TWS 3228) — Major, L

MUSC699J (PermReq) Selected Topics in Music: Jazz Vocal Techniques and Piano Accompaniments; Grade Method: REG/AUD. Audition required. — 2 credits
- 0101 W.....7:00pm-10:00pm (TWS 3218) — Wells, R
- 0201 W.....4:00pm- 7:00pm (TWS 3218) LAB — Wells, R

MUSC699K (PermReq) Selected Topics in Music: Fortepiano Masterclass; Grade Method: REG/AUD. For piano majors only. — 2 credits
- 0101 TuTh.....9:00am- 9:50am (TWS 3129) — Garvey, E

MUSC699M (PermReq) Selected Topics in Music: Interpretation of Vocal Literature; Grade Method: REG/AUD. Open to singers and pianists. — 2 credits
- 0101 Tu.....4:00pm- 6:30pm (TWS 2138) — McCoy, R

MUSC699N (PermReq) Selected Topics in Music: Jazz Theory; Grade Method: REG/AUD. — 2 credits
- 0101 MW.....12:00pm-12:50pm (TWS 2123) — Gibson, R

MUSC699P (PermReq) Selected Topics in Music: Master Class Series in 17th and 18th Century Music Performance; Grade Method: REG/AUD. — 2 credits
- 0101 W.....12:00pm- 3:00pm (TWS 1125) — Weaver, J
  Time and room to be arranged LAB

MUSC699R Selected Topics in Music: The Business of Music I; Grade Method: REG/AUD. — 2 credits
- 0101 MW.....2:00pm- 2:50pm (TWS 2138) — Walters, E

MUSC699S (PermReq) Selected Topics in Music: Symphonic Literature; Grade Method: REG/AUD. — 3 credits
- 0101 Tu.....7:00pm- 9:30pm (TWS 3116) — Davis, S

MUSC699T (PermReq) Selected Topics in Music: Theories of Heinrich Schenker; Grade Method: REG/AUD. — 2 credits
- 0101 M.....7:30pm- 9:30pm (TWS 2138) — DeLio, T

MUSC799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

MUSC800C (PermReq) Advanced Seminar in Music Pedagogy; Grade Method: REG/AUD. Prerequisites: MUSC 400 or equivalent, doctoral standing and permission of instructor. — 3 credits
- 0101 TBA (TWS 2140A) — Traver, P

MUSC800S (PermReq) Advanced Seminar in Music Pedagogy; Grade Method: REG/AUD. Prerequisites: MUSC 400 or equivalent, doctoral standing and permission of instructor. For string majors. — 3 credits
- 0101 Time and room to be arranged — Elsing, E
- 0201 Time and room to be arranged — Fischbach, G
- 0301 Time and room to be arranged — STAFF

MUSC800W (PermReq) Advanced Seminar in Music Pedagogy; Grade Method: REG/AUD. Prerequisites: MUSC 400 or equivalent, doctoral standing and permission of instructor. For wind and percussion majors. — 3 credits
- 0101 Time and room to be arranged — Barnett, R
- 0201 Time and room to be arranged — Bowman, B
- 0301 Time and room to be arranged — Head, E
- 0401 Time and room to be arranged — Heim, N
- 0501 Time and room to be arranged — Hudson, W
- 0601 Time and room to be arranged — Jackson, R
- 0701 Time and room to be arranged — Montgomery, W
- 0801 Time and room to be arranged — Olson, O
- 0901 Time and room to be arranged — Ross, G
- 1001 Time and room to be arranged — Sparks, L
- 2001 Time and room to be arranged — Stevens, M
- 3001 Time and room to be arranged — Wakefield, J
- 4001 Time and room to be arranged — Walters, E

MUSC801W (PermReq) Advanced Seminar in Music Pedagogy; Grade Method: REG/AUD. Prerequisites: MUSC 400 or equivalent, doctoral standing and permission of instructor. Advanced special students require department authorization. For wind and percussion majors. — 3 credits
- 0101 Time and room to be arranged — Barnett, R
- 0201 Time and room to be arranged — Bowman, B
- 0301 Time and room to be arranged — Head, E
- 0401 Time and room to be arranged — Heim, N
- 0501 Time and room to be arranged — Hudson, W
- 0601 Time and room to be arranged — Jackson, R
- 0701 Time and room to be arranged — Montgomery, W
- 0801 Time and room to be arranged — Olson, O
- 0901 Time and room to be arranged — Ross, G
- 1001 Time and room to be arranged — Sparks, L
- 2001 Time and room to be arranged — Stevens, M
- 3001 Time and room to be arranged — Wakefield, J
- 4001 Time and room to be arranged — Walters, E

MUSC830C (PermReq) Doctoral Seminar in Music Literature; Grade Method: REG/AUD. Prerequisite: at least twelve hours in music history and literature. — 3 credits
- 0101 Time and room to be arranged — Traver, P

MUSC830P (PermReq) Doctoral Seminar in Music Literature; Grade Method: REG/AUD. Prerequisite: at least twelve hours in music history and literature. For piano majors. — 3 credits
- 0101 Time and room to be arranged — STAFF

MUSC830V (PermReq) Doctoral Seminar in Music Literature; Grade Method: REG/AUD. Prerequisite: at least twelve hours in music history and literature. — 3 credits
- 0101 Time and room to be arranged — STAFF

MUSC830W (PermReq) Doctoral Seminar in Music Literature; Grade Method: REG/AUD. Prerequisite: at least twelve hours in music history and literature. For wind and percussion majors. — 3 credits
- 0101 Time and room to be arranged — Barnett, R
- 0201 Time and room to be arranged — Bowman, B
- 0301 Time and room to be arranged — Head, E
- 0401 Time and room to be arranged — Heim, N
- 0501 Time and room to be arranged — Hudson, W
- 0601 Time and room to be arranged — Jackson, R
- 0701 Time and room to be arranged — Montgomery, W
- 0801 Time and room to be arranged — Olson, O
- 0901 Time and room to be arranged — Ross, G
- 1001 Time and room to be arranged — Sparks, L
- 1501 Time and room to be arranged — Gibson, R
- 2001 Time and room to be arranged — Stevens, M
- 2501 Time and room to be arranged — Mabbs, L
- 3001 Time and room to be arranged — Wakefield, J
- 4001 Time and room to be arranged — Walters, E

MUSC831W (PermReq) Doctoral Seminar in Music Literature; Grade Method: REG/AUD. Prerequisite: MUSC 830 or permission of instructor. For wind and percussion majors. — 3 credits
- 0101 Time and room to be arranged — Barnett, R
- 0201 Time and room to be arranged — Bowman, B
- 0301 Time and room to be arranged — Head, E
- 0401 Time and room to be arranged — Heim, N
- 0501 Time and room to be arranged — Hudson, W
- 0601 Time and room to be arranged — Jackson, R
- 0701 Time and room to be arranged — Montgomery, W
- 0801 Time and room to be arranged — Olson, O
- 0901 Time and room to be arranged — Ross, G
- 1001 Time and room to be arranged — Sparks, L
- 1501 Time and room to be arranged — Gibson, R
- 2001 Time and room to be arranged — Stevens, M
- 2501 Time and room to be arranged — Mabbs, L
- 3001 Time and room to be arranged — Wakefield, J
- 4001 Time and room to be arranged — Walters, E

MUSC878 (PermReq) Advanced Composition; Grade Method: REG/AUD. — 3 credits
- 0101 TBA (TWS 1219B) — Moss, L
- 0201 TBA (TWS 1241) — DeLio, T
- 0301 TBA (TWS 1231C) — Wilson, M
- 0401 TBA (TWS 1241A) — Gibson, R

MUSC899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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MUSP Music Performance (Arts & Humanities)

Individual performance instruction courses in piano, voice and instruments are open to qualified major and non-major students by prior audition and permission of the Music Department Chairman.

Audition schedules, prerequisites, instructor section numbers, and registration permission forms may be obtained in the Department of Music Office.

INSTRUMENT DESIGNATION
Indicate the instrument chosen by adding a suffix to the course number.

SUFFIX	INSTRUMENT	SUFFIX	INSTRUMENT	SUFFIX	INSTRUMENT
A	Piano	J	Bassoon		
B	Voice	K	Saxophone	T	Composition
C	Violin	L	Horn	U	World inst undergrad
D	Viola	M	Trumpet	U	Conducting graduate
E	Cello	N	Trombone	V	Harp
F	Bass	O	Tuba	W	Electronic comp.
G	Flute	P	Euphonium	X	Hist inst - keyboard
H	Oboe	Q	Percussion	Y	Hist inst - strings
I	Clarinet			Z	Hist inst - winds

MINOR SERIES

Intended for either music majors studying a secondary instrument or non-music majors. Each course in the series must be taken in sequence. The initial election for all new students, both freshman and transfer, is 102. Transfer students are evaluated for higher placement after one semester of study.

MUSP102, 103, 202, 203, 302, 303, 402, 403 (PermReq) Music Performance; Minor Series — 2 credits
Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,U,V,X,Y,Z
Time and room to be arranged.

PRINCIPAL SERIES

Intended for students majoring in music programs other than performance and composition. Each course in the series must be taken in sequence. The initial election for all new students, both freshman and transfer, is 109. Transfer students are evaluated for higher placement after one semester of study.

MUSP109, 110, 207, 208, 305, 306, 409, 410 (PermReq) Music Performance; Principal Series — 2 or 4 credits
Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,X,Y,Z
Time and room to be arranged.

MUSP609 (PermReq) Interpretation and Repertoire — 2 credits
Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,T,U,X
Time and room to be arranged.

MUSP610 (PermReq) Graduate Music Performance — 4 credits
Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,T,U,X
Time and room to be arranged.

MAJOR SERIES

Intended for students majoring in music performance and composition. Each course in the series must be taken in sequence. The initial election for all new students, both freshman and transfer, is 119. Transfer students are evaluated for higher placement after one semester of study.

MUSP119, 120, 217, 218, 315, 316, 419, 420 — 2 or 4 credits
(PermReq) Music Performance; Major Series
Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,T,U,W
Time and room to be arranged.

MUSP619 — Interpretation and Repertoire — 2 or 4 credits
(PermReq) Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,T,U,W
Time and room to be arranged.

MUSP620 — Graduate Music Performance — 4 credits
(PermReq) Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,T,U,V,W
Time and room to be arranged.

MUSP719 — Interpretation and Repertoire — 2 or 4 credits
(PermReq) Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,T,U,W
Time and room to be arranged.

MUSP815 — Interpretation, Performance, and Pedagogy — 4 credits
(PermReq) Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,T,U,W
Time and room to be arranged.

MUSP816 — Interpretation, Performance, and Pedagogy — 4 credits
(PermReq) Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,T,U,W
Time and room to be arranged.

MUSP817 — Interpretation, Performance, and Pedagogy — 4 credits
(PermReq) Grade Method: REG
Instruments offered: A,B,C,D,E,F, G,H,I,J,K,L,M,N,O,P,Q,T,U,W
Time and room to be arranged.

NRMT Natural Resources Management (Agriculture)

NRMT460 — Principles of Wildlife Management; Grade Method: REG. Three Saturday field trips are scheduled. Prerequisite: two semesters of laboratory biology. — 3 credits
0101 TuTh.....8:00am- 9:15am (SYM 0200) Adams, L

NUSC Nutritional Sciences (Human Ecology)

The following courses may involve the use of animals. Students who are concerned about the use of animals in teaching have the responsibility to contact the instructor, prior to course enrollment, to determine whether animals are to be used in the course, whether class exercises involving animals are optional or required and what alternatives, if any, are availeble.

NUSC402 — Fundamentals of Nutrition; Grade Method: REG/P-F/AUD. Prerequisites: CHEM 104; and ANSC 212. Recommended: BCHM 281. Also offered as ANSC 401. — 3 credits
0101 MWF.....9:00am- 9:50am (CHM 0119) Thomas, O

NUSC450 (PermReq) — Advanced Human Nutrition II; Grade Method: REG/P-F/AUD. Prerequisites: permission of department; NUTR 440; and BCHM 261 or concurrent registration in BCHM 462. Also offered as NUTR 450. Course offered fall semester only. — 4 credits
0101 MWF.....1:00pm- 1:50pm (MRH 3418) Moser-Veillon,
M.....2:00pm- 5:00pm (MRH 3419) LAB
0102 MWF.....1:00pm- 1:50pm (MRH 3418) Moser-Veillon,
W.....2:00pm- 5:00pm (MRH 3419) LAB

NUSC663 — Advanced Nutrition Laboratory; Grade Method: REG/AUD. Prerequisites: ANSC 401/NUSC 402; and either BCHM 462 or NUSC 670. Also offered as ANSC 663. — 3 credits
0101 Time and room to be arranged Doerr, J

NUSC698 — Seminar in Nutrition; Grade Method: REG/AUD. — 1-3 credits
0101 Tu.....4:00pm- 4:50pm (MRH 3418) Kuenzel, W

NUSC699 (PermReq) — Problems in Nutrition; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-4 credits

NUSC799 — Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

NUSC899 — Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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NUTR Nutrition (Human Ecology)

The following courses may involve the use of animals. Students who are concerned about the use of animals in teaching have the responsibility to contact the instructor, prior to course enrollment, to determine whether animals are to be used in the course, whether class exercises involving animals are optional or required and what alternatives, if any, are available.

NUTR100 — Elements of Nutrition; Grade Method: REG/P-F/AUD. USP Distributive Studies Area B Course. — 3 credits
0101 MWF.....10:00am-10:50am (ARM 0126) Cook, P

NUTR200 — Nutrition for Health Services; Grade Method: REG/P-F/AUD. Prerequisites: CHEM 104 or CHEM 233; and ZOOL 201 or ZOOL 202 or ZOOL 211. — 3 credits
0102 TuTh.....11:00am-11:50am (MRH 3418) Jackson, R
W.....10:00am-12:00pm (MRH 3418) LAB
0103 TuTh.....11:00am-11:50am (MRH 3418) Jackson, R
W.....2:00pm- 4:00pm (MRH 3418) LAB

NUTR330 — Nutritional Biochemistry; Grade Method: REG/P-F/AUD. Prerequisites: CHEM 104 or CHEM 233 or CHEM 235; NUTR 100 or NUTR 200. — 3 credits
0101 TuTh.....8:00am- 9:15am (MRH 3418) Szepesi, B

NUTR335 — History of Nutrition; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. Prerequisite: course in basic nutrition. — 3 credits
0101 TuTh.....11:00am-12:15pm (ARM 0131) Ahrens, R

NUTR450 (PermReq) — Advanced Human Nutrition II; Grade Method: REG/P-F/AUD. Prerequisites: NUTR 440 or permission of department. Also offered as NUSC 450. Course offered fall semesters only. — 4 credits
0101 MWF.....1:00pm- 1:50pm (MRH 3418) Moser-Veillon,
M.....2:00pm- 5:00pm (MRH 3419) LAB
0102 MWF.....1:00pm- 1:50pm (MRH 3418) Moser-Veillon,
W.....2:00pm- 5:00pm (MRH 3419) LAB

NUTR468 (PermReq) — Practicum in Nutrition; Grade Method: S-F. — 1-6 credits
0101 M.....4:00pm- 7:00pm (MRH 3418) STAFF

NUTR470 — Community Nutrition; Grade Method: REG/P-F/AUD. Prerequisites: NUTR 440 or permission of department. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (MRH 0108) Jackson, R

NUTR490 (PermReq) — Special Problems in Nutrition; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: NUTR 440 and permission of department. — 2-3 credits

NUTR498A (PermReq) — Selected Topics: Individual Study; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

NUTR498L — Selected Topics: Computer Applications in Human Nutrition and Food Systems; Grade Method: REG/P-F/AUD. Open to HNFS majors only. — 1 credit
0101 M.....10:00am- 1:00pm (MRH 1314) STAFF

NUTR635 — Carbohydrates, Lipids and Proteins in Human Nutrition; Grade Method: REG/AUD. Prerequisite: NUTR 450 or equivalent. — 3 credits
0101 MW.....5:00pm- 6:15pm (LEF 1201) Ahrens, R

NUTR660 — Research Methods; Grade Method: REG/AUD. Prerequisite: a statistics course. — 3 credits
0101 TuTh.....5:00pm- 6:15pm (MRH 3418) Prather, M

NUTR678A (PermReq) — Selected Topics in Nutrition: Individual Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

NUTR678E — Selected Topics in Nutrition: Nutrition of the Elderly; Grade Method: REG/AUD. — 3 credits
0101 TuTh.....9:30am-10:45am (MRH 3418) Prather, M

NUTR678P (PermReq) — Selected Topics in Nutrition: Practicum in Nutrition; Grade Method: REG/AUD. — 1-6 credits
0101 W.....4:00pm- 7:00pm (MRH 3418) STAFF

NUTR680 — Human Nutritional Status; Grade Method: REG/AUD. Prerequisite: advanced nutrition, biochemistry and physiology. Also offered as NUSC 680. — 3 credits
0101 TuTh.....12:00pm-12:50pm (MRH 3418) Taylor, M
Th.....1:00pm- 4:00pm (MRH 3419) LAB

NUTR688 — Seminar in Nutrition; Grade Method: REG/AUD. — 1 credit
0101 Th.....4:00pm- 4:50pm (MRH 3418) Read, M

NUTR699 (PermReq) — Problems in Nutrition; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-4 credits

NUTR799 — Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

NUTR888 (PermReq) — Doctoral Seminar; Grade Method: REG/AUD. — 1 credit
0101 F.....2:00pm- 4:00pm (MRH 0108) Read, M

NUTR899 — Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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PCOM Public Communication (Arts and Humanities)

PCOM700 (PermReq) — Introduction to Doctoral Study in Public Communication; Grade Method: REG/AUD. Prerequisite: admission to PCOM program. Instructors are: Dr. Thomas Aylward and Dr. Roger Meersman. — 3 credits
0101 M.....7:00pm-10:00pm (TWS 0154) Aylward, T

PCOM703 (PermReq) — Advanced Quantitative Data Analysis in Public Communication Research: Structural Equation Models; Grade Method: REG/AUD. Prerequisite: PCOM 702; and permission of instructor. — 3 credits
0101 Tu.....7:00pm-10:00pm (TWS 2212) Fink, E

PCOM712 (PermReq) — Advanced Historical/Critical Methods in Public Communication Research; Grade Method: REG/AUD. Prerequisite: PCOM 711; and permission of instructor. — 3 credits
0101 M.....7:00pm-10:00pm (TWS 2212) Beasley, M

PCOM888 (PermReq) — Doctoral Practicum in Public Communication; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3-9 credits

PCOM889 (PermReq) — Doctoral Tutorial in Public Communication; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3-8 credits

PCOM899 — Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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PERH Physical Education, Recreation, and Health Performance) (Hlth & Human

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PERH386 (PermReq) — Field Work; Grade Method: REG/P-F/AUD. Contact Center on Aging. — 1-3 credits
0101 Time and room to be arranged Pollack, S
0201 Time and room to be arranged Hyde, D

PERH387 (PermReq) — Field Work Analysis; Grade Method: REG/P-F/AUD. — 1-3 credits
0101 Time and room to be arranged Pollack, S
0201 Time and room to be arranged Hyde, D

PERH488 — Children's Health and Development Clinic; Grade Method: REG/P-F/AUD. — 1 credit
0101 Sa.....8:30am-12:30pm (HHP 0103) Hahn, P

PERH688 (PermReq) — Field Work in Aging; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

PHED prefix classes are now listed under KNES.

PHIL Philosophy (Arts and Humanities)

PHILOSOPHY DEPARTMENT HANDBOOK

All philosophy courses are described in detail (course content, textbooks, written assignments, etc.) in the Philosophy Department Handbook. Copies are now available in Room 4360 of the Computer and Space Sciences Building. Updated supplement to the handbook will be issued for August registration.

PHIL100 — Introduction to Philosophy; Grade Method: REG/P-F/AUD. CORE Distributive Studies Humanities Course. USP Distributive Studies Area A Course. — 3 credits
0101 MW.....1:00pm- 1:50pm (ARM 0131) Celarier, J
F.....9:00am- 9:50am (EGR 2112) DIS
0102 MW.....1:00pm- 1:50pm (ARM 0131) Celarier, J
F.....9:00am- 9:50am (CHE 2118) DIS
0103 MW.....1:00pm- 1:50pm (ARM 0131) Celarier, J
F.....1:00pm- 1:50pm (CHE 2120) DIS
0104 MW.....1:00pm- 1:50pm (ARM 0131) Celarier, J
F.....1:00pm- 1:50pm (CHE 2145) DIS
0105 MW.....1:00pm- 1:50pm (ARM 0131) Celarier, J
F.....12:00pm-12:50pm (CHE 2120) DIS
0106 MW.....1:00pm- 1:50pm (ARM 0131) Celarier, J
F.....12:00pm-12:50pm (CHM 0119) DIS
0107 MW.....1:00pm- 1:50pm (ARM 0131) Celarier, J
F.....9:00am- 9:50am (CLB 0104) DIS
0108 MW.....1:00pm- 1:50pm (ARM 0131) Celarier, J
F.....12:00pm-12:50pm (CLB 0104) DIS
0109 MW.....1:00pm- 1:50pm (ARM 0131) Celarier, J
F.....1:00pm- 1:50pm (CHM 2201) DIS
0201 MWF.....9:00am- 9:50am (JMP 3104) Rebuck, R
0301 TuTh.....9:30am-10:45am (ZOP 1234) Jankovic, M
0401 TuTh.....2:00pm- 3:15pm (SYM 1308) Stairs, A

PHIL110 — Plato's Republic; Grade Method: REG/P-F/AUD. CORE Distributive Studies Humanities Course. USP Distributive Studies Area A Course. — 3 credits
0101 MWF.....2:00pm- 2:50pm (JMZ 0220) Pasch, A

PHIL140 — Contemporary Moral Issues; Grade Method: REG/P-F/AUD. CORE Distributive Studies Humanities Course. USP Distributive Studies Area D Course. — 3 credits
0101 MW.....11:00am-11:50am (CSS 2324) Odell, S
F.....11:00am-11:50am (CSS 2330) DIS
0102 MW.....11:00am-11:50am (CSS 2324) Odell, S
F.....9:00am- 9:50am (CHE 2145) DIS
0103 MW.....11:00am-11:50am (CSS 2324) Odell, S
F.....2:00pm- 2:50pm (JMP 1202) DIS
0201 TuTh.....11:00am-12:15pm (CSS 2352) Vania, N
0301 MWF.....9:00am- 9:50am (CSS 2352) Strom, J

A note about PHIL 170, PHIL 173, and PHIL 271. All three are introductory logic courses. PHIL 170 provides the student with a broad understanding of the field of logic, in both its traditional and its modern forms. PHIL 173 concentrates on applications, using logic to uncover the deductive structure of published material written in a diversity of literary styles. PHIL 271 enables the student to develop skill in using the techniques of modern symbolic logic, and an understanding of some of its underlying principles. All three courses attempt to develop in students a heightened sensitivity to logical form, logical fallacy, and the logical nuances of ordinary language.

PHIL170 — Introduction to Logic; Grade Method: REG/P-F/AUD. — 3 credits
0101 MW.....10:00am-10:50am (CSS 2324) Bub, J
F.....10:00am-10:50am (PHY 1221) DIS
0102 MW.....10:00am-10:50am (CSS 2324) Bub, J
F.....1:00pm- 1:50pm (CHM 0124) DIS
0103 MW.....10:00am-10:50am (CSS 2324) Bub, J
F.....12:00pm-12:50pm (CSS 2352) DIS
0201 MWF.....9:00am- 9:50am (ZOP 1243) MacCallum, D
0301 TuTh.....9:30am-10:45am (HBK 1116) Linden, T

PHIL173 — Logic and the English Language I; Grade Method: REG. See note above PHIL 170. Attendance at first class meeting mandatory. — 3 credits
0101 MWF.....10:00am-10:50am (WDS 1114) Pasch, A

PHIL209B — Philosophical Issues: Language and Mind; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....9:30am-10:45am (HBK 0109) Uriagereka, J

PHIL209I — Philosophical Issues: Modern Jewish Philosophy; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (JMZ 3205) Manekin, C

PHIL250 — Philosophy of Science I; Grade Method: REG/P-F/AUD. CORE Distributive Studies Humanities Course. USP Distributive Studies Area A Course. Credit will be granted for only one of the following: HIST 174 or PHIL 250. — 3 credits
0201 MW.....2:00pm- 3:15pm (HBK 1108) Amann, S

PHIL271 — Symbolic Logic I; Grade Method: REG/AUD. CORE Distributive Studies Math or Formal Reasoning Course. USP Distributive Studies Area B Course. — 3 credits
0101 MWF.....10:00am-10:50am (JMP 3105) Celarier, J
0201 MWF.....1:00pm- 1:50pm (JMP 3105) Svenonius, L

PHIL308G — Studies in Contemporary Philosophy: Introduction to Virtue Ethics; Grade Method: REG/AUD. — 3 credits
0101 MW.....11:00am-12:15pm (CHE 2145) Vania, N

PHIL308J — Studies in Contemporary Philosophy: Logic for Philosophy; Grade Method: REG/AUD. Prerequisite: 6 hours of philosophy. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (EGR 0110) Rey, G

PHIL310 — Ancient Philosophy; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. Prerequisite: six credits in philosophy or classics. — 3 credits
0101 MWF.....11:00am-11:50am (PHY 1221) Lesher, J
0201 TuTh.....9:30am-10:45am (CSS 2330) Lesher, J

PHIL320 — Modern Philosophy; Grade Method: REG/P-F/AUD. Prerequisite: six credits in philosophy. — 3 credits
0101 TuTh.....11:00am-12:15pm (CSS 2330) Campbell, K

PHIL326 — Twentieth Century Analytic Philosophy; Grade Method: REG/P-F/AUD. Prerequisite: six credits in philosophy.. Recommended: PHIL 320. — 3 credits
0101 MW.....12:30pm- 1:45pm (JMP 1109) Odell, S

PHIL328B — Studies in the History of Philosophy: Marxist Philosophy; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. Prerequisite: one course in philosophy or a GVPT course in social theory. — 3 credits
0101 MW.....12:00pm-12:50pm (CSS 2324) Manukian, E
F.....1:00pm- 1:50pm (CHE 2118) DIS
0102 MW.....12:00pm-12:50pm (CSS 2324) Manukian, E
F.....9:00am- 9:50am (EGR 0102) DIS
0103 MW.....12:00pm-12:50pm (CSS 2324) Manukian, E
F.....10:00am-10:50am (CSS 2330) DIS

PHIL331 — Philosophy of Art; Grade Method: REG/AUD. USP Advanced Studies Development of Knowledge Course. Prerequisite: one course in philosophy or two courses in the arts or literature. — 3 credits
0101 TuTh.....11:00am-11:50am (CHM 1402) Levinson, J
F.....1:00pm- 1:50pm (LEF 1208) DIS
0102 TuTh.....11:00am-11:50am (CHM 1402) Levinson, J
Th.....1:00pm- 1:50pm (JMZ 0118) DIS
0103 TuTh.....11:00am-11:50am (CHM 1402) Levinson, J
Th.....2:00pm- 2:50pm (JMZ 2207) DIS

PHIL332 — Philosophy of Beauty; Grade Method: REG/AUD. USP Advanced Studies Development of Knowledge Course. Prerequisites: two courses in philosophy, literature, or the arts. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (JMP 3104) Brown, J

PHIL341 — Introduction to Ethical Theory; Grade Method: REG/P-F/AUD. Not open to students who have completed PHIL 142. Formerly PHIL 142. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (CSS 2330) Lichtenberg, J

PHIL380 — Philosophy of Psychology: Introduction; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. Prerequisite: one course in philosophy or permission of department. Not open to students who have completed PHIL 465. Formerly PHIL 465. — 3 credits
0101 TuTh.....11:00am-12:15pm (PHY 1221) Rey, G

PHIL385 — Philosophy and Computers; Grade Method: REG/AUD. USP Advanced Studies Development of Knowledge Course. Prerequisite: one course in logic or computer science or satisfaction of junior level English composition requirement or permission of department. — 3 credits
0101 MW.....2:00pm- 3:15pm (CHM 0122) Cherniak, C

PHIL386 — Field Work; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Consult Director of Undergraduate Studies: Pasch, A. Prerequisites: 12 credit hours of philosophy, 3.0 GPA. Corequisite: PHIL 387. Carries no credit toward philosophy major. — 3 credits

PHIL387 — Field Work Analysis; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Corequisite: PHIL 386. Consult Director of Undergraduate Studies: Pasch, A. — 3 credits

PHIL408A — Topics in Contemporary Philosophy: Analysis and Design of Legal and Moral Institutions; Grade Method: REG/AUD. USP Advanced Studies Analysis of Human Problems Course. Prerequisites: one course in philosophy and one course in ECON or GVPT or consent of instructor. — 3 credits
0101 TuTh.....9:30am-10:45am (CSS 2352) Johnson, C

PHIL408B — Topics in Contemporary Philosophy: Logic for Philosophy; Grade Method: REG/AUD. Prerequisite: six hours of philosophy. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (EGR 0110) Rey, G

PHIL408I — Topics in Contemporary Philosophy: Issues in Jewish Ethics and Law; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....9:30am-10:45am (JMZ 0105) Manekin, C

PHIL416 — Medieval Philosophy; Grade Method: REG/P-F/AUD. Prerequisite: six credits in philosophy. — 3 credits
0101 MWF.....10:00am-10:50am (HBK 1108) Svenonius, L

PHIL442 — Normative Ethical Theory; Grade Method: REG/P-F/AUD. Prerequisite: PHIL 341. — 3 credits
0101 MW.....2:00pm- 3:15pm (EGR 1126) Slote, M

PHIL447 — Philosophy of Law; Grade Method: REG/AUD. USP Advanced Studies Development of Knowledge Course. Prerequisite: one course in philosophy. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (CHM 0119) Johnson, C

PHIL450 — Scientific Thought I; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. Prerequisite: one course in philosophy or a major in science. — 3 credits
0101 TuTh.....11:00am-12:15pm (JMP 3104) Wallace, W

PHIL452 — Philosophy of Physics; Grade Method: REG/AUD. USP Advanced Studies Development of Knowledge Course. Prerequisite: three credits in philosophy or three credits in physics. — 3 credits
0101 Tu.....3:30pm- 6:00pm (CSS 2330) Bub, J

PHIL453 — Philosophy of Science II; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. Prerequisite: PHIL 250, an upper-level course in philosophy, or a major in science. — 3 credits
0101 W.....1:00pm- 3:30pm (EGR 0104) Bub, J

PHIL478 — Topics in Symbolic Logic: Philosophical Logic; Grade Method: REG/P-F/AUD. Prerequisite: PHIL 471 or permission of department. — 3 credits
0101 Th.....3:30pm- 6:00pm (CHE 2136) Horty, J

PHIL498C (PermReq) — Topical Investigations; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

PHIL498D (PermReq) — Topical Investigations; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

PHIL650 The History and Philosophy of Science and Technology; Grade Method: REG/AUD. Credit will be granted for only one of the following: PHIL 650 or HIST 606. — 3 credits
0101 Th.....1:00pm- 3:30pm (KEY 2119) Brush, S

PHIL688D (PermReq) Selected Problems in Philosophy; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

PHIL688E (PermReq) Selected Problems in Philosophy; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

PHIL688L (PermReq) Selected Problems in Philosophy: Hermeneutic of the Image; Grade Method: REG/AUD. — 3 credits
0101 M.....2:00pm- 4:00pm (JMZ 4223) Heyndels, R
Time and room to be arranged DIS

PHIL688N Selected Problems in Philosophy: Normative Ethical Theory; Grade Method: REG/AUD. — 3 credits
0101 MW.....2:00pm- 3:15pm (EGR 1126) Slote, M

PHIL688P Selected Problems in Philosophy: Philosophical Logic; Grade Method: REG/AUD. — 3 credits
0101 Th.....3:00pm- 5:30pm (CHE 2136) Horty, J

PHIL688T Selected Problems in Philosophy: Twentieth Century Analytic Philosophy; Grade Method: REG. — 3 credits
0101 MW.....12:30pm- 1:45pm (JMP 1109) Odell, S

PHIL788E (PermReq) Research in Philosophy: Research in Philosophy; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

PHIL788F (PermReq) Research in Philosophy; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

PHIL799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

PHIL838 Seminar in Aesthetics; Grade Method: REG/AUD. Prerequisite: graduate standing. — 3 credits
0101 Time and room to be arranged Levinson, J

PHIL858 Seminar in Logic and Philosophy of Sciences: Quantum Mechanics and Metaphysics; Grade Method: REG/AUD. Prerequisite: graduate standing. — 3 credits
0101 Time and room to be arranged Stairs, A

PHIL878 Proseminar in Cognitive Studies; Grade Method: REG/AUD. — 3-9 credits
0101 Time and room to be arranged Rey, G

PHIL899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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PHYS Physics (Comp, Math, & Phys Sci)

PHYS102 Physics of Music; Grade Method: REG/P-F/AUD. Prerequisite: high school algebra. Credit not applicable towards the minimum requirements for a major in physics and astronomy. CORE Distributive Studies Physical Science Laboratory Course only when taken concurrently with PHYS 103. USP Distributive Studies Area B Course. If taken with PHYS 103, course may be counted as USP Area B Lab Science requirement. Credit cannot be received for both PHYS 102 and PHYS 499C. — 3 credits
0301 TuTh.....2:00pm- 3:15pm (PHY 1412) Goldenbaum, G

PHYS103 Physics of Music Laboratory; Grade Method: REG/P-F/AUD. Pre- or corequisite: PHYS 102. Credit not applicable towards the minimum requirements for a major in physics and astronomy. CORE Distributive Studies Physical Science Laboratory Course only when taken concurrently with PHYS 102. — 1 credit
0101 Th.....9:00am-10:50am (PHY 3213) LAB Berg, R
0201 Th.....11:00am-12:50pm (PHY 3213) LAB Berg, R
0301 Th.....3:30pm- 5:20pm (PHY 3213) LAB Berg, R
0401 F.....10:00am-11:50am (PHY 3213) LAB Berg, R
0501 F.....12:00pm- 1:50pm (PHY 3213) LAB Berg, R

PHYS106 Light, Perception, Photography, and Visual Phenomena; Grade Method: REG/P-F/AUD. Credit not applicable towards the minimum requirements for a major in physics and astronomy. CORE Distributive Studies Physical Science Laboratory Course only when taken concurrently with PHYS 107. Credit cannot be received for both PHYS 106 and PHYS 499E. USP Distributive Studies Area B Course. If taken with PHYS 107, course may be counted as USP Area B Lab Science requirement. — 3 credits
0101 MWF.....2:00pm- 2:50pm (PHY 1412) Layman, J

PHYS107 Light, Perception, Photography and Visual Phenomena Laboratory; Grade Method: REG/P-F/AUD. Pre- or corequisite: PHYS 106. Credit not applicable towards the minimum requirements for a major in physics and astronomy. CORE Distributive Studies Physical Science Laboratory only when taken concurrently with PHYS 106. — 1 credit
0101 Tu.....9:00am-10:50am (PHY 3214) LAB Layman, J
0201 Tu.....12:00pm- 1:50pm (PHY 3214) LAB Layman, J
0301 W.....9:00am-10:50am (PHY 3214) LAB Layman, J
0401 W.....3:00pm- 4:50pm (PHY 3214) LAB Layman, J
0501 W.....12:00pm- 1:50pm (PHY 3214) LAB Layman, J
0601 Tu.....3:30pm- 5:20pm (PHY 3214) LAB Layman, J
0701 Th.....10:00am-11:50am (PHY 3214) LAB Layman, J
0801 Th.....12:00pm- 1:50pm (PHY 3214) LAB Layman, J
0901 Th.....2:00pm- 3:50pm (PHY 3214) LAB Layman, J
1001 F.....12:00pm- 1:50pm (PHY 3214) LAB Layman, J

PHYS111 Physics in the Modern World; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Course. USP Distributive Studies Area B Course. Intended for students who will continue in PHYS 112. — 3 credits
0101 MWF.....9:00am- 9:50am (PHY 0405) Snow, G

PHYS117 Introduction to Physics; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Laboratory Course. USP Distributive Studies Area B Course. Prerequisite: qualification to enter MATH 110. — 4 credits
0101 MWF.....2:00pm- 2:50pm (PHY 1410) Roos, P
M.....4:00pm- 5:50pm (PHY 3316) LAB
0102 MWF.....2:00pm- 2:50pm (PHY 1410) Roos, P
Tu.....3:00pm- 4:50pm (PHY 3316) LAB
0104 MWF.....2:00pm- 2:50pm (PHY 1410) Roos, P
W.....4:00pm- 5:50pm (PHY 3316) LAB
0105 MWF.....2:00pm- 2:50pm (PHY 1410) Roos, P
Th.....12:00pm- 1:50pm (PHY 3316) LAB

PHYS121 Fundamentals of Physics I; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Laboratory Course. USP Distributive Studies Area B Course. Prerequisite: previous course work in trigonometry or MATH 115. Physics clinic, PHY 1214, MTWHF 11,1. — 4 credits
0101 MWF.....10:00am-10:50am (PHY 1410) Das Sarma, S
W.....4:00pm- 5:50pm (PHY 3308) LAB
W.....3:00pm- 3:50pm (PHY 0405) DIS
0102 MWF.....10:00am-10:50am (PHY 1410) Das Sarma, S
M.....4:00pm- 5:50pm (PHY 3306) LAB
M.....3:00pm- 3:50pm (PHY 0405) DIS
0103 MWF.....10:00am-10:50am (PHY 1410) Das Sarma, S
Tu.....11:00am-12:50pm (PHY 3306) LAB
Tu.....10:00am-10:50am (PHY 4208) DIS
0104 MWF.....10:00am-10:50am (PHY 1410) Das Sarma, S
Tu.....1:00pm- 2:50pm (PHY 3308) LAB
Tu.....12:00pm-12:50pm (PHY 4208) DIS
0105 MWF.....10:00am-10:50am (PHY 1410) Das Sarma, S
Tu.....12:00pm- 1:50pm (PHY 3306) LAB
W.....11:00am-11:50am (PHY 4220) DIS
0201 MWF.....12:00pm-12:50pm (PHY 1410) Korenman, V
W.....9:00am-10:50am (PHY 3306) LAB
W.....8:00am- 8:50am (PHY 4220) DIS
0202 MWF.....12:00pm-12:50pm (PHY 1410) Korenman, V
W.....2:00pm- 3:50pm (PHY 3306) LAB
W.....1:00pm- 1:50pm (PHY 0405) DIS
0203 MWF.....12:00pm-12:50pm (PHY 1410) Korenman, V
Th.....11:00am-12:50pm (PHY 3306) LAB
Th.....10:00am-10:50am (PHY 4220) DIS
0204 MWF.....12:00pm-12:50pm (PHY 1410) Korenman, V
Th.....9:00am-10:50am (PHY 3306) LAB
Th.....8:00am- 8:50am (PHY 1221) DIS
0205 MWF.....12:00pm-12:50pm (PHY 1410) Korenman, V
Th.....1:00pm- 2:50pm (PHY 3306) LAB
Th.....12:00pm-12:50pm (PHY 4220) DIS
0206 MWF.....12:00pm-12:50pm (PHY 1410) Korenman, V
M.....2:00pm- 3:50pm (PHY 3306) LAB
M.....1:00pm- 1:50pm (PHY 1402) DIS
0301 TuTh.....12:30pm- 1:45pm (PHY 1410) Cohen, T
Tu.....9:00am-10:50am (PHY 3306) LAB
Tu.....8:00am- 8:50am (PHY 4220) DIS
0302 TuTh.....12:30pm- 1:45pm (PHY 1410) Cohen, T
M.....10:00am-11:50am (PHY 3306) LAB
M.....9:00am- 9:50am (PHY 4220) DIS
0303 TuTh.....12:30pm- 1:45pm (PHY 1410) Cohen, T
M.....12:00pm- 1:50pm (PHY 3306) LAB
M.....11:00am-11:50am (PHY 4220) DIS
0304 TuTh.....12:30pm- 1:45pm (PHY 1410) Cohen, T
Th.....4:00pm- 5:50pm (PHY 3306) LAB
Th.....3:00pm- 3:50pm (PHY 1221) DIS
0305 TuTh.....12:30pm- 1:45pm (PHY 1410) Cohen, T
Tu.....3:00pm- 4:50pm (PHY 3306) LAB
Tu.....2:00pm- 2:50pm (PHY 4208) DIS
0401 MW.....7:00pm- 8:30pm (PHY 1412) Khor, E
Tu.....7:30pm- 9:20pm (PHY 3306) LAB
W.....6:30pm- 7:20pm (PHY 1219) DIS
0402 MW.....7:00pm- 8:30pm (PHY 1412) Khor, E
Th.....7:30pm- 9:20pm (PHY 3306) LAB
Th.....6:30pm- 7:20pm (PHY 1219) DIS

PHYS122 Fundamentals of Physics II; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Laboratory Course. USP Distributive Studies Area B Course. Prerequisite: PHYS 121 or equivalent. Physics clinic, PHY 1214, MTWHF 12,2. — 4 credits
0101 MWF.....1:00pm- 1:50pm (PHY 1410) Alley, C
M.....4:00pm- 5:50pm (PHY 3312) LAB
M.....3:00pm- 3:50pm (PHY 1221) DIS
0102 MWF.....1:00pm- 1:50pm (PHY 1410) Alley, C
Tu.....9:00am-10:50am (PHY 3312) LAB
Tu.....8:00am- 8:50am (PHY 1221) DIS
0103 MWF.....1:00pm- 1:50pm (PHY 1410) Alley, C
Tu.....12:00pm- 1:50pm (PHY 3312) LAB
Tu.....11:00am-11:50am (PHY 4208) DIS
0104 MWF.....1:00pm- 1:50pm (PHY 1410) Alley, C
Tu.....2:00pm- 3:50pm (PHY 3312) LAB
Tu.....1:00pm- 1:50pm (PHY 4208) DIS
0105 MWF.....1:00pm- 1:50pm (PHY 1410) Alley, C
W.....9:00am-10:50am (PHY 3312) LAB
W.....8:00am- 8:50am (PHY 4208) DIS
0106 MWF.....1:00pm- 1:50pm (PHY 1410) Alley, C
W.....3:00pm- 4:50pm (PHY 3312) LAB
W.....2:00pm- 2:50pm (PHY 4208) DIS
0107 MWF.....1:00pm- 1:50pm (PHY 1410) Alley, C
Th.....9:00am-10:50am (PHY 3312) LAB
Th.....8:00am- 8:50am (PHY 4208) DIS

PHYS141 Principles of Physics; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Laboratory Course. USP Distributive Studies Area B Course. Corequisite: MATH 141. Credit will not be granted for PHYS 171 and PHYS 161 or PHYS 141 or former PHYS 191. Physics clinics, PHY 1214, MTWHF 10,12. — 4 credits
0101 MWF.....11:00am-11:50am (PHY 1410) Drake Jr., J
M.....1:00pm- 2:50pm (PHY 3314) LAB
M.....12:00pm-12:50pm (PHY 4220) DIS
0102 MWF.....11:00am-11:50am (PHY 1410) Drake Jr., J
M.....4:00pm- 5:50pm (PHY 3314) LAB
M.....3:00pm- 3:50pm (PHY 1402) DIS
0103 MWF.....11:00am-11:50am (PHY 1410) Drake Jr., J
Tu.....9:00am-10:50am (PHY 3314) LAB
Tu.....8:00am- 8:50am (PHY 1402) DIS
0104 MWF.....11:00am-11:50am (PHY 1410) Drake Jr., J
Tu.....11:00am-12:50pm (PHY 3314) LAB
Tu.....10:00am-10:50am (PHY 4220) DIS
0105 MWF.....11:00am-11:50am (PHY 1410) Drake Jr., J
Tu.....2:00pm- 3:50pm (PHY 3314) LAB
Tu.....1:00pm- 1:50pm (PHY 4220) DIS

PHYS142 Principles of Physics; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Laboratory Course. USP Distributive Studies Area B Course. Credit will not be granted for PHYS 272 and PHYS 142 or former PHYS 192 or PHYS 262. Physics clinic PHY 1214, MTWHF 2. — 4 credits
0101 MWF.....3:00pm- 3:50pm (PHY 1410) Holmgren, H
Th.....9:00am-10:50am (PHY 3310) LAB
Th.....8:00am- 8:50am (PHY 0405) DIS
0102 MWF.....3:00pm- 3:50pm (PHY 1410) Holmgren, H
Th.....12:00pm- 1:50pm (PHY 3310) LAB
Th.....11:00am-11:50am (PHY 4208) DIS
0103 MWF.....3:00pm- 3:50pm (PHY 1410) Holmgren, H
Th.....2:00pm- 3:50pm (PHY 3310) LAB
Th.....1:00pm- 1:50pm (PHY 4208) DIS

PHYS161 General Physics: Mechanics and Particle Dynamics; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Course. USP Distributive Studies Area B Course. Pre- or corequisite: MATH 141. Credit will not be granted for PHYS 171 and PHYS 161 or PHYS 141 or former PHYS 191. Physics clinic, PHY 1214, MTWHF 11, 2. — 3 credits
0101 MWF.....3:00pm- 3:50pm (PHY 1412) Rosenberg, T
F.....1:00pm- 1:50pm (PHY 0405) DIS
0102 MWF.....3:00pm- 3:50pm (PHY 1412) Rosenberg, T
W.....9:00am- 9:50am (PHY 4220) DIS
0103 MWF.....3:00pm- 3:50pm (PHY 1412) Rosenberg, T
M.....4:00pm- 4:50pm (PHY 1221) DIS
0201 TuTh.....12:30pm- 1:45pm (PHY 1412) Benesch, W
M.....11:00am-11:50am (PHY 4102) DIS
0202 TuTh.....12:30pm- 1:45pm (PHY 1412) Benesch, W
Tu.....2:00pm- 2:50pm (PHY 1221) DIS
0203 TuTh.....12:30pm- 1:45pm (PHY 1412) Benesch, W
W.....3:00pm- 3:50pm (PHY 1221) DIS
0204 TuTh.....12:30pm- 1:45pm (PHY 1412) Benesch, W
Th.....11:00am-11:50am (PHY 4220) DIS
0301 MWF.....10:00am-10:50am (PHY 1412) Chang, C
Tu.....3:00pm- 3:50pm (PHY 0405) DIS
0302 MWF.....10:00am-10:50am (PHY 1412) Chang, C
W.....9:00am- 9:50am (PHY 4208) DIS
0303 MWF.....10:00am-10:50am (PHY 1412) Chang, C
W.....1:00pm- 1:50pm (PHY 1219) DIS
0304 MWF.....10:00am-10:50am (PHY 1412) Chang, C
Th.....1:00pm- 1:50pm (PHY 1219) DIS
0305 MWF.....10:00am-10:50am (PHY 1412) Chang, C
Th.....12:00pm-12:50pm (PHY 0405) DIS

PHYS161J (PermReq) General Physics: Mechanics and Particle Dynamics; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Course. USP Distributive Studies Area B Course. Pre- or corequisite: MATH 141. Credit will not be granted for PHYS 171 and PHYS 161 or PHYS 141 or former PHYS 191. This course involves computer applications. — 3 credits
0101 MWF.....9:00am- 9:50am (PHY 1410) Redish, E
M.....10:00am-10:50am (PHY 1219) DIS
0102 MWF.....9:00am- 9:50am (PHY 1410) Redish, E
M.....1:00pm- 1:50pm (PHY 1219) DIS
0103 MWF.....9:00am- 9:50am (PHY 1410) Redish, E
Th.....8:00am- 8:50am (PHY 1219) DIS
0104 MWF.....9:00am- 9:50am (PHY 1410) Redish, E
Th.....12:00pm-12:50pm (PHY 4208) DIS

PHYS171 Introductory Physics: Mechanics; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Course. USP Distributive Studies Area B Course. Prerequisite: MATH 140 and a high school physics course or permission of department. Corequisite: MATH 141. Credit will not be granted for PHYS 171 and PHYS 161 or former PHYS 191. — 3 credits
0101 MTuThF....11:00am-11:50am (PHY 0405) Einstein, T
0201 MTuThF.....9:00am- 9:50am (PHY 1402) Banerjee, M

PHYS171H (PermReq) Introductory Physics: Mechanics; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Course. USP Distributive Studies Area B Course. Prerequisite: MATH 140 and a high school physics course or permission of department. Corequisite: MATH 141. Credit will not be granted for PHYS 171 and PHYS 161 or PHYS 141 or former PHYS 191. — 3 credits
0101 MTuThF....11:00am-11:50am (PHY 0405) Einstein, T
0201 MTuThF.....9:00am- 9:50am (PHY 1402) Banerjee, M

PHYS262 General Physics: Vibrations, Waves, Heat, Electricity and Magnetism; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Laboratory Course. USP Distributive Studies Area B Course. Prerequisite: PHYS 161. Corequisite: PHYS 262A. Credit will not be granted for PHYS 272 and PHYS 142 or former PHYS 192 or PHYS 262. Physics clinic, PHY 1214, MTWHF 10, 12, 2. — 4 credits
0101 MWF.....1:00pm- 1:50pm (PHY 1412) Fivel, D
M.....2:00pm- 2:50pm (PHY 1221) DIS
0102 MWF.....1:00pm- 1:50pm (PHY 1412) Fivel, D
Tu.....1:00pm- 1:50pm (PHY 1219) DIS
0103 MWF.....1:00pm- 1:50pm (PHY 1412) Fivel, D
M.....3:00pm- 3:50pm (PHY 4208) DIS
0104 MWF.....1:00pm- 1:50pm (PHY 1412) Fivel, D
M.....8:00am- 8:50am (PHY 4208) DIS
0105 MWF.....1:00pm- 1:50pm (PHY 1412) Fivel, D
W.....10:00am-10:50am (PHY 1219) DIS
0106 MWF.....1:00pm- 1:50pm (PHY 1412) Fivel, D
M.....2:00pm- 2:50pm (PHY 1402) DIS
0201 MWF.....11:00am-11:50am (PHY 1412) Hu, B
W.....1:00pm- 1:50pm (PHY 1402) DIS
0202 MWF.....11:00am-11:50am (PHY 1412) Hu, B
M.....2:00pm- 2:50pm (PHY 1402) DIS
0203 MWF.....11:00am-11:50am (PHY 1412) Hu, B
W.....12:00pm-12:50pm (PHY 1219) DIS
0204 MWF.....11:00am-11:50am (PHY 1412) Hu, B
F.....2:00pm- 2:50pm (PHY 1219) DIS
0205 MWF.....11:00am-11:50am (PHY 1412) Hu, B
Tu.....8:00am- 8:50am (PHY 1219) DIS
0206 MWF.....11:00am-11:50am (PHY 1412) Hu, B
Tu.....12:00pm-12:50pm (PHY 0405) DIS
0301 TuTh.....8:00am- 9:15am (PHY 1412) Skuja, A
Th.....2:00pm- 2:50pm (PHY 1221) DIS
0302 TuTh.....8:00am- 9:15am (PHY 1412) Skuja, A
F.....11:00am-11:50am (PHY 4102) DIS
0303 TuTh.....8:00am- 9:15am (PHY 1412) Skuja, A
Tu.....3:00pm- 3:50pm (PHY 1221) DIS
0304 TuTh.....8:00am- 9:15am (PHY 1412) Skuja, A
M.....2:00pm- 2:50pm (PHY 4208) DIS
0305 TuTh.....8:00am- 9:15am (PHY 1412) Skuja, A
Tu.....12:00pm-12:50pm (PHY 4220) DIS
0401 MW.....7:00pm- 9:00pm (PHY 1410) Baden, A
MW.....7:00pm- 9:00pm (PHY 4220) DIS
0402 MW.....7:00pm- 9:00pm (PHY 1410) Baden, A
MW.....7:00pm- 9:00pm (PHY 1402) DIS

PHYS262A General Physics: Vibrations, Waves, Heat, Electricity and Magnetism (Laboratory); Grade Method: NGI. PHYS 262 must be taken concurrently. — No credit
0101 M.....1:00pm- 2:50pm (PHY 3219) LAB Hadley, N
0102 M.....3:00pm- 4:50pm (PHY 3219) LAB Hadley, N
0103 Tu.....8:00am- 9:50am (PHY 3219) LAB Hadley, N
0104 Tu.....10:00am-11:50am (PHY 3219) LAB Hadley, N
0105 Tu.....12:00pm- 1:50pm (PHY 3219) LAB Hadley, N
0106 Tu.....2:00pm- 3:50pm (PHY 3219) LAB Hadley, N
0107 Tu.....4:00pm- 5:50pm (PHY 3219) LAB Hadley, N
0108 W.....8:00am- 9:50am (PHY 3219) LAB Hadley, N
0109 W.....10:00am-11:50am (PHY 3219) LAB Hadley, N
0110 W.....12:00pm- 1:50pm (PHY 3219) LAB Hadley, N
0111 W.....2:00pm- 3:50pm (PHY 3219) LAB Hadley, N
0112 W.....4:00pm- 5:50pm (PHY 3219) LAB Hadley, N
0113 Th.....8:00am- 9:50am (PHY 3219) LAB Hadley, N
0114 Th.....10:00am-11:50am (PHY 3219) LAB Hadley, N
0115 Th.....12:00pm- 1:50pm (PHY 3219) LAB Hadley, N
0116 Th.....2:00pm- 3:50pm (PHY 3219) LAB Hadley, N
0117 Tu.....7:00pm- 8:50pm (PHY 3219) LAB Hadley, N
0118 Th.....4:00pm- 5:50pm (PHY 3219) LAB Hadley, N
0119 Th.....7:00pm- 8:50pm (PHY 3219) LAB Hadley, N

PHYS262H (PermReq) General Physics: Vibrations, Waves, Heat, Electricity and Magnetism; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Laboratory Course. USP Distributive Studies Area B Course. Prerequisite: PHYS 161. Corequisite: PHYS 262A. Credit will not be granted for PHYS 272 and PHYS 142 or former PHYS 192 or PHYS 262. — 4 credits
0101 MWF.....1:00pm- 1:50pm (PHY 1412) Fivel, D
M.....4:00pm- 4:50pm (PHY 4208) DIS
0201 MWF.....11:00am-11:50am (PHY 1412) Hu, B
M.....4:00pm- 4:50pm (PHY 4208) DIS
0301 TuTh.....8:00am- 9:15am (PHY 1412) Skuja, A
M.....4:00pm- 4:50pm (PHY 4208) DIS

PHYS263 General Physics: Electrodynamics, Light, Relativity and Modern Physics; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Laboratory Course. USP Distributive Studies Area B Course. Prerequisite: PHYS 262. Corequisite: PHYS 263A. Credit will not be granted for PHYS 273 and PHYS 263 or former PHYS 293. Physics clinic, PHY 1214, MTWHF 10, 11, 1. — 4 credits
0101 MW.....4:00pm- 5:15pm (PHY 1410) Jacobson, T
W.....10:00am-10:50am (PHY 1402) DIS
0102 MW.....4:00pm- 5:15pm (PHY 1410) Jacobson, T
M.....1:00pm- 1:50pm (PHY 0405) DIS
0103 MW.....4:00pm- 5:15pm (PHY 1410) Jacobson, T
W.....3:00pm- 3:50pm (PHY 1402) DIS
0104 MW.....4:00pm- 5:15pm (PHY 1410) Jacobson, T
Tu.....1:00pm- 1:50pm (PHY 1221) DIS
0201 TuTh.....8:00am- 9:15am (PHY 1410) Jawahery, A
M.....1:00pm- 1:50pm (PHY 1221) DIS
0202 TuTh.....8:00am- 9:15am (PHY 1410) Jawahery, A
Tu.....11:00am-11:50am (PHY 4220) DIS
0203 TuTh.....8:00am- 9:15am (PHY 1410) Jawahery, A
F.....9:00am- 9:50am (PHY 4220) DIS
0204 TuTh.....8:00am- 9:15am (PHY 1410) Jawahery, A
W.....1:00pm- 1:50pm (PHY 1221) DIS
0301 MWF.....12:00pm-12:50pm (PHY 1412) Fivel, D
Tu.....8:00am- 8:50am (PHY 4208) DIS
0302 MWF.....12:00pm-12:50pm (PHY 1412) Fivel, D
W.....10:00am-10:50am (PHY 1221) DIS
0303 MWF.....12:00pm-12:50pm (PHY 1412) Fivel, D
Tu.....3:00pm- 3:50pm (PHY 4208) DIS
0304 MWF.....12:00pm-12:50pm (PHY 1412) Fivel, D
W.....3:00pm- 3:50pm (PHY 4208) DIS
0305 MWF.....12:00pm-12:50pm (PHY 1412) Fivel, D
F.....1:00pm- 1:50pm (PHY 1219) DIS
0306 MWF.....12:00pm-12:50pm (PHY 1412) Fivel, D
Th.....1:00pm- 1:50pm (PHY 1221) DIS
0307 MWF.....12:00pm-12:50pm (PHY 1412) Fivel, D
M.....2:00pm- 2:50pm (PHY 4220) DIS

PHYS263A General Physics: Electrodynamics, Light, Relativity and Modern Physics (Laboratory); Grade Method: NGI. Laboratory. PHYS 263 must be taken concurrently. — No credit
0101 M.....1:00pm- 2:50pm (PHY 3220) LAB Hadley, N
0102 M.....3:00pm- 4:50pm (PHY 3220) LAB Hadley, N
0103 Tu.....8:00am- 9:50am (PHY 3220) LAB Hadley, N
0104 Tu.....10:00am-11:50am (PHY 3220) LAB Hadley, N
0105 Tu.....12:00pm- 1:50pm (PHY 3220) LAB Hadley, N
0106 Tu.....2:00pm- 3:50pm (PHY 3220) LAB Hadley, N
0107 Tu.....4:00pm- 5:50pm (PHY 3220) LAB Hadley, N
0108 Tu.....7:00pm- 8:50pm (PHY 3220) LAB Hadley, N
0109 W.....8:00am- 9:50am (PHY 3220) LAB Hadley, N
0110 W.....10:00am-11:50am (PHY 3220) LAB Hadley, N
0111 W.....12:00pm- 1:50pm (PHY 3220) LAB Hadley, N
0112 W.....2:00pm- 3:50pm (PHY 3220) LAB Hadley, N
0113 W.....4:00pm- 5:50pm (PHY 3220) LAB Hadley, N
0114 Th.....8:00am- 9:50am (PHY 3220) LAB Hadley, N
0115 Th.....10:00am-11:50am (PHY 3220) LAB Hadley, N
0116 Th.....12:00pm- 1:50pm (PHY 3220) LAB Hadley, N
0117 Th.....2:00pm- 3:50pm (PHY 3220) LAB Hadley, N
0118 Th.....4:00pm- 5:50pm (PHY 3220) LAB Hadley, N
0119 Th.....7:00pm- 8:50pm (PHY 3220) LAB Hadley, N

PHYS272 Introductory Physics: Vibration, Waves, Heat, Electrostatics and Magnetostatics; Grade Method: REG/P-F/AUD. Prerequisite: PHYS 171 and MATH 141. Corequisite: PHYS 275 and MATH 241 or MATH 240 (It is preferable to take MATH 241 before MATH 240 for this course.). Credit will be granted for only one of the following: PHYS 272 and PHYS 142 or former PHYS 192 or PHYS 262. CORE Distributive Studies Physical Science Laboratory Course only when taken concurrently with PHYS 275. USP Distributive Studies Area B Course. If taken with PHYS 275, course may be counted as USP Distributive Studies Area B Course lab science requirement. — 3 credits
0101 MTuThF....11:00am-11:50am (PHY 1402) Glick, A

PHYS272H Introductory Physics: Vibration, Waves, Heat, Electrostatics and Magnetostatics; Grade Method: REG/P-F/AUD. Prerequisite: PHYS 171 and MATH 141. Corequisite: PHYS 275 and MATH 241 or MATH 240 (It is preferable to take MATH 241 before MATH 240 for this course.). Credit will be granted for only one of the following: PHYS 272 and PHYS 142 or former PHYS 192 or PHYS 262. CORE Distributive Studies Physical Science Laboratory Course only when taken concurrently with PHYS 275. USP Distributive Studies Area B Course. If taken with PHYS 275, course may be counted as USP Distributive Studies Area B Course lab science requirement. — 3 credits
0101 MTuThF....11:00am-11:50am (PHY 1402) Glick, A

PHYS273 Introductory Physics: Electrodynamics, Optics, Light, Relativity and Modern Physics; Grade Method: REG/P-F/AUD. Prerequisite: PHYS 272, PHYS 275 and MATH 240 or MATH 241. Corequisite: PHYS 276 and MATH 240 or MATH 241. Credit will not be granted for PHYS 273 and PHYS 263 or former PHYS 293. Meets USP Distributive Studies (B) Natural Sciences and Mathematics requirement. If taken with PHYS 276, course may be taken as lab science requirement. — 3 credits
0101 MF.....1:00pm- 1:50pm (PHY 4220) Goodman, J
W.....12:00pm- 1:50pm (PHY 4220)

PHYS273H Introductory Physics: Electrodynamics, Optics, Light, Relativity and Modern Physics; Grade Method: REG/P-F/AUD. Prerequisite: PHYS 272, PHYS 275 and MATH 240 or MATH 241. Corequisite: PHYS 276 and MATH 240 or MATH 241. Credit will not be granted for PHYS 273 and PHYS 263 or former PHYS 293. — 3 credits
0101 MF.....1:00pm- 1:50pm (PHY 4220) Goodman, J
W.....12:00pm- 1:50pm (PHY 4220)

PHYS275 (PermReq) Experimental Physics I: Mechanics and Thermodynamics; Grade Method: REG/P-F/AUD. Prerequisite: PHYS 171 or PHYS 191. One two-three laboratory-lecture per week. Credit will not be granted for more than two of the following courses: PHYS 275, PHYS 195, PHYS 196. CORE Distributive Studies Physical Science Laboratory Course only when taken concurrently with PHYS 272. — 1 credit
0101 M.....2:00pm- 4:50pm (PHY 3203) LAB Chang, C
0201 Tu.....12:00pm- 2:50pm (PHY 3203) LAB Chang, C
0301 W.....1:00pm- 3:50pm (PHY 3203) LAB Boyd, D

PHYS276 (PermReq) Experimental Physics II: Electricity and Magnetism; Grade Method: REG/P-F/AUD. CORE Distributive Studies Physical Science Laboratory Course. Prerequisite: PHYS 272 or PHYS 293. Credit will not be granted for both PHYS 276 and former PHYS 295. — 2 credits
0101 M.....2:00pm- 5:50pm (PHY 3211) LAB Chant, N
0201 Tu.....1:00pm- 4:50pm (PHY 3211) LAB Chant, N

PHYS299 (PermReq) Special Problems in Physics; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

PHYS299C Special Problems in Physics: Physics for Managers and Analysts; Grade Method: REG/P-F/AUD. Prerequisite: MATH 220 or MATH 140. — 3 credits
0101 MWF.....12:00pm-12:50pm (PHY 0405) Earl, J

PHYS301 Intermediate Theoretical Physics; Grade Method: REG/P-F/AUD. Prerequisite: PHYS 142 and MATH 241. — 3 credits
0101 MW.....4:00pm- 5:15pm (PHY 1402) Anderson, J

PHYS305 Physics Shop Techniques; Grade Method: REG/P-F/AUD. Prerequisite: PHYS 395 or permission of department. — 1 credit
0101 Th.....2:00pm- 5:00pm (PHY 0125) LAB Giddings, M

PHYS375 Experimental Physics III: Electromagnetic Waves, Optics and Modern Physics; Grade — 2 credits

Method: REG/P-F/AUD. Prerequisite: PHYS 273 or PHYS 294. Credit will not be granted for both PHYS 375 and former PHYS 296.
0101 M.....1:00pm- 4:50pm (PHY 3104) Currie, D
0201 Tu.....2:00pm- 5:50pm (PHY 3104) Currie, D
0301 Th.....1:00pm- 4:50pm (PHY 3104) Desilva, A
0401 W.....2:00pm- 5:50pm (PHY 3104) Desilva, A

PHYS389 (PermReq) Undergraduate Thesis Research; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

PHYS395 Advanced Experiments; Grade Method: REG/P-F/AUD. Prerequisite: PHYS 375. In conjunction with lab hours scheduled below additional required lab time will be arranged. Labs begin first week of classes. Physics majors only. 3 credits
0101 Th.....1:00pm- 4:50pm (PHY 3210) LAB Hamilton, D
0102 W.....12:00pm- 3:50pm (PHY 3210) LAB Hamilton, D

PHYS398 (PermReq) Independent Studies Seminar; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-16 credits

PHYS399 (PermReq) Special Problems in Physics; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

PHYS406 Optics; Grade Method: REG/P-F/AUD. Prerequisite: [PHYS 263 or PHYS 273 or PHYS 301]; and MATH 240. 3 credits
0101 MW.....4:00pm- 5:15pm (PHY 1219) Kim, Y

PHYS410 Elements of Theoretical Physics: Mechanics; Grade Method: REG/P-F/AUD. Prerequisite: [PHYS 263 or PHYS 273 or PHYS 301]; and MATH 241. Corequisite: MATH 240. 4 credits
0101 TuTh.....9:00am-10:50am (PHY 0405) Misner, C

PHYS411 Elements of Theoretical Physics: Electricity and Magnetism; Grade Method: REG/P-F/AUD. Prerequisite: [PHYS 263 or PHYS 273 or PHYS 301]; and MATH 240 and MATH 241. 4 credits
0101 TuTh.....9:00am-10:50am (PHY 1219) Prange, R

PHYS414 Introduction to Thermodynamics and Statistical Mechanics; Grade Method: REG/P-F/AUD. Prerequisite: [PHYS 263 or PHYS 273 or PHYS 301]; and MATH 240. 3 credits
0101 TuTh.....2:00pm- 3:15pm (PHY 4220) Kacser, C

PHYS420 Principles of Modern Physics; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. Prerequisite: [PHYS 263 or PHYS 273 or PHYS 301]; and MATH 241. Credit will be granted for only one of the following: PHYS 420 or PHYS 421. 3 credits
0101 MW.....4:00pm- 5:15pm (PHY 1412) Griffin, J
0102 TuTh.....2:00pm- 3:15pm (PHY 1410) Woo, C

PHYS421 Introduction to Modern Physics; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. Prerequisite: [PHYS 263 or PHYS 273 or PHYS 301]; and MATH 241, including some knowledge of ordinary equations. Credit will be granted for only one of the following: PHYS 420 or PHYS 421. 3 credits
0101 MWF.....9:00am- 9:50am (PHY 1219) Drew, H

PHYS422 Modern Physics; Grade Method: REG/P-F/AUD. Prerequisite: PHYS 421. 4 credits
0101 W.....10:00am-11:45am (PHY 0405) Hassam, A
MF.....10:00am-10:50am (PHY 0405)

PHYS429 Atomic and Nuclear Physics Laboratory; Grade Method: REG/AUD. Labs begin first week of classes. Students may work at times other than those listed below. They must, however, be available for the first hour of the section for which they registered. Physics majors only. 3 credits
0101 M.....1:00pm- 6:00pm (PHY 3120) LAB Gloeckler, G
0201 Th.....12:00pm- 5:00pm (PHY 3120) LAB Zorn, G

PHYS463 Introduction to Plasma Physics; Grade Method: REG/P-F/AUD. Prerequisite: PHYS 301; or [PHYS 410 and PHYS 411]; or [ENES 221 and ENEE 380]. 3 credits
0101 MWF.....11:00am-11:50am (CHE 2136) Griem, H

PHYS483 Biophysics and Theoretical Biology; Grade Method: REG/P-F/AUD. 3 credits
0101 MW.....4:00pm- 5:15pm (PHY 1128) Nossal, R

PHYS499A (PermReq) Special Problems in Physics: Individual Problems with Laboratory; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-16 credits

PHYS499B (PermReq) Special Problems in Physics: Individual Problems; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-16 credits

PHYS499C Special Problems in Physics: Physics of Music; Grade Method: REG/P-F/AUD. Credit cannot be received for both PHYS 102 and PHYS 499C. 3 credits
0301 TuTh.....2:00pm- 3:15pm (PHY 1412) Goldenbaum, G

PHYS499F Special Problems in Physics: Twentieth Century Physics - Physics for Managers and Analysts; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. Prerequisite: MATH 220 or MATH 140. 3 credits
0101 MWF.....12:00pm-12:50pm (PHY 0405) Earl, J

PHYS601 Theoretical Dynamics; Grade Method: REG/AUD. Prerequisite: PHYS 410 or equivalent. 3 credits
0101 MWF.....2:00pm- 2:50pm (PHY 0405) Antonsen Jr., T

PHYS602 Statistical Physics; Grade Method: REG/AUD. Prerequisite: PHYS 410 or equivalent. Credit will be granted for only one of the following: PHYS 602 or PHYS 603. 3 credits
0101 MWF.....10:00am-10:50am (PHY 4220) Greenberg, O

PHYS604 Methods of Mathematical Physics; Grade Method: REG/AUD. Prerequisites: [advanced calculus; and PHYS 410; and PHYS 411]; or equivalent. 3 credits
0101 TuTh.....11:00am-12:15pm (PHY 1219) Wallace, S

PHYS606 Electrodynamics; Grade Method: REG/AUD. Prerequisite: PHYS 604 or equivalent. 4 credits
0101 TuTh.....8:00am-10:50am (PHY 1221) Oneda, S

PHYS607 Advanced Classical Physics; Grade Method: REG/AUD. Prerequisite: PHYS 606. 3 credits
0101 WF.....8:30am- 9:45am (PHY 1221) Glucksternn, R

PHYS621 Graduate Laboratory; Grade Method: REG/AUD. All labs will extend 1 hour beyond those listed below. Labs begin first week of classes. Students may work at times other than those listed below. They must, however, be available for the first hour of the section for which they are registered. 3 credits
0101 M.....1:00pm- 6:00pm (PHY 3120) LAB Gloeckler, G
0201 Th.....12:00pm- 5:00pm (PHY 3120) LAB Zorn, G

PHYS622 Introduction to Quantum Mechanics I; Grade Method: REG/AUD. Prerequisite: an outstanding undergraduate background in physics. 4 credits
0201 WF.....11:00am-11:50am (PHY 1219) Mohapatra, R
M.....11:00am-12:45pm (PHY 1219)

PHYS623 Introduction to Quantum Mechanics II; Grade Method: REG/AUD. Prerequisite: an outstanding undergraduate background in physics. 3 credits
0101 TuTh.....2:30pm- 3:45pm (PHY 1219) Ferrell, R

PHYS624 Advanced Quantum Mechanics; Grade Method: REG/AUD. Prerequisite: PHYS 623. 3 credits
0101 MWF.....11:00am-11:50am (PHY 4208) Sucher, J

PHYS709 Seminar in General Physics: Statistical Physics Seminar; Grade Method: REG/AUD. 1 credit
0101 Tu.....1:00pm- 1:50pm (IPT 1115) Sengers, J

PHYS719 Seminar in General Physics: Accelerator Theory and Dynamical Systems; Grade Method: REG/AUD. 1 credit
0101 W.....4:00pm- 4:50pm (PHY 1221) Glucksternn, R

PHYS731 Solid State Physics: Survey; Grade Method: REG/AUD. 3 credits
0101 TuTh.....11:00am-12:20pm (PHY 1126) Wang, C

PHYS738 Seminar in Experimental Solid State Physics: Quantum Mechanical Many-Body Problems; Grade Method: REG/AUD. 1 credit
0101 M.....3:00pm- 3:50pm (PHY 4220) Williams, E

PHYS739 Seminar in Theoretical Solid State Physics: Quantum Mechanical Many-Body Problems; Grade Method: REG/AUD. 1 credit
0101 M.....3:00pm- 3:50pm (PHY 4220) Williams, E

PHYS741 Nuclear Physics: Survey; Grade Method: REG/AUD. Prerequisites: PHYS 622; and PHYS 623. 3 credits
0101 TuTh.....1:00pm- 2:15pm (PHY 0405) Kelly, J

PHYS748 Seminar in Experimental Nuclear Physics; Grade Method: REG/AUD. 1 credit
0101 M.....4:00pm- 5:30pm (PHY 1304) Chant, N

PHYS749 Seminar in Theoretical Nuclear Physics; Grade Method: REG/AUD. 1 credit
0101 W.....4:00pm- 4:50pm (PHY 4208) Banerjee, M

PHYS751 Elementary Particle Physics I: Survey; Grade Method: REG/AUD. Corequisite: PHYS 624. 3 credits
0101 TuTh.....2:30pm- 3:45pm (PHY 1402) Pati, J

PHYS758 Seminar in Elementary Particles and Quantum Field Theory: High Energy Physics; Grade Method: REG/AUD. 1 credit
0101 W.....3:00pm- 4:30pm (PHY 4220) Jawahery, A

PHYS759 Seminar in Elementary Particles and Quantum Field Theory; Grade Method: REG/AUD. 1 credit
0101 M.....3:00pm- 4:50pm (PHY 4102) Sucher, J

PHYS761 Plasma Physics I: Survey; Grade Method: REG/AUD. Prerequisites: [PHYS 604; and PHYS 606]. 3 credits
0101 TuTh.....12:30pm- 1:45pm (PHY 1402) STAFF

PHYS769 Seminar in Plasma Physics; Grade Method: REG/AUD. Class will meet in LPF 1207. 1 credit
0101 M.....1:30pm- 2:20pm (Arranged) Hassam, A

PHYS778 Seminar in Space and Cosmic Ray Physics: High Energy Astrophysics; Grade Method: REG/AUD. 1 credit
0101 M.....4:30pm- 5:45pm (CSS 1113) Gloeckler, G

PHYS779 Seminar in General Relativity; Grade Method: REG/AUD. 1 credit
0101 Th.....2:00pm- 3:50pm (PHY 1126) Paik, H

PHYS798 Special Problems in Advanced Physics; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

PHYS798A Special Problems in Advanced Physics: Supersymmetry, Supergravity and Superstrings; Grade Method: REG/AUD. 3 credits
0101 MW.....4:00pm- 5:15pm (PHY 0405) Gates Jr., S

PHYS798B Special Problems in Advanced Physics: Physics Colloquium; Grade Method: REG/AUD. 1-3 credits
0101 Tu.....4:00pm- 5:30pm (PHY 1410) STAFF

PHYS799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

PHYS875 Theory of Relativity: Survey; Grade Method: REG/AUD. Prerequisite: PHYS 601. 3 credits
0101 TuTh.....9:30am-10:50am (PHY 1126) Brill, D

PHYS878 Special Topics in Space and Cosmic Ray Physics: Physics of the Solar Winds; Grade Method: REG/AUD. 3 credits
0101 TuTh.....8:30am- 9:45am (PHY 1304) Scudder, J

PHYS899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

Physics Colloquium meets TU 4-5.30 in PHY 1410 and PHY 1412. Physics Journal Club meets Th 4-5.30 in PHY 1410.

PORT Portuguese (Arts and Humanities)

PORT101 Elementary Portuguese; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. 4 credits
0101 MWF.....12:00pm-12:50pm (JMZ 1226) Gordo, M
Tu.....12:00pm-12:50pm (JMZ 1224)

PORT102 Elementary Portuguese; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisite: PORT 101. 4 credits
0101 MWF.....11:00am-11:50am (EDU 2203) Gordo, M
Tu.....11:00am-11:50am (JMZ 2102)

PORT203 Intermediate Portuguese; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisite: PORT 102. 4 credits
0101 MWF.....11:00am-11:50am (JMZ 0202) Butler, P
Tu.....11:00am-11:50am (JMZ 1211)

PORT205 Intermediate Conversation; Grade Method: REG/P-F/AUD. Prerequisite: PORT 203 or permission of department. 3 credits
0101 MWF.....12:00pm-12:50pm (JMZ 0202) Igel, R

PORT221 Introduction to Brazilian Literature; Grade Method: REG/P-F/AUD. Prerequisite: PORT 203. 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 1211) Igel, R

PORT224 Brazilian Culture in English; Grade Method: REG/P-F/AUD. CORE Distributive Studies Humanities Course. 3 credits
0101 MWF.....12:00pm-12:50pm (JMZ 1120) Butler, P

PORT399 (PermReq) Independent Study in Portuguese; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

PORT478A Themes and Movements of Luso-Brazilian Literature in Translation: Africa in Brazil; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 0120) Butler, P

PORT478C Themes and Movements of Luso-Brazilian Literature in Translation: Women as Authors and Characters in Brazilian Fiction ; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. 3 credits
0101 MWF.....10:00am-10:50am (ARC 1127) Igel, R

PSYC Psychology (Behavior & Social Sci)

The following courses may involve the use of animals. Students who are concerned about the use of animals in teaching have the responsibility to contact the instructor, prior to course enrollment, to determine whether animals are to be used in the course, whether class exercises involving animals are optional or required and what alternatives, if any, are available.

PSYC100 Introduction to Psychology; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D Course. Discussion sections do not meet until after first lecture. 3 credits
0110 MW.....10:00am-10:50am (ZOP 1240) Horton, D
W.....12:00pm-12:50pm (ZOP 1124) DIS
0111 MW.....10:00am-10:50am (ZOP 1240) Horton, D
W.....1:00pm- 1:50pm (ZOP 1124) DIS
0112 MW.....10:00am-10:50am (ZOP 1240) Horton, D
W.....2:00pm- 2:50pm (ZOP 1124) DIS
0113 MW.....10:00am-10:50am (ZOP 1240) Horton, D
W.....3:00pm- 3:50pm (ZOP 1124) DIS
0114 MW.....10:00am-10:50am (ZOP 1240) Horton, D
Th.....9:00am- 9:50am (ZOP 1124) DIS
0115 MW.....10:00am-10:50am (ZOP 1240) Horton, D
Th.....10:00am-10:50am (ZOP 1124) DIS
0116 MW.....10:00am-10:50am (ZOP 1240) Horton, D
Th.....11:00am-11:50am (ZOP 1124) DIS
0117 MW.....10:00am-10:50am (ZOP 1240) Horton, D
Th.....12:00pm-12:50pm (ZOP 1124) DIS
0118 MW.....10:00am-10:50am (ZOP 1240) Horton, D
Th.....1:00pm- 1:50pm (ZOP 1124) DIS
0119 MW.....10:00am-10:50am (ZOP 1240) Horton, D
F.....9:00am- 9:50am (ZOP 1124) DIS
0120 MW.....10:00am-10:50am (ZOP 1240) Horton, D
F.....10:00am-10:50am (ZOP 1124) DIS
0121 MW.....10:00am-10:50am (ZOP 1240) Horton, D
F.....11:00am-11:50am (ZOP 1124) DIS
0122 MW.....10:00am-10:50am (ZOP 1240) Horton, D
F.....12:00pm-12:50pm (ZOP 1124) DIS
0123 MW.....10:00am-10:50am (ZOP 1240) Horton, D
F.....1:00pm- 1:50pm (ZOP 1124) DIS
0220 MW.....2:00pm- 2:50pm (ZOP 1240) Osterhouse, R
Tu.....9:00am- 9:50am (ZOP 1228) DIS
0221 MW.....2:00pm- 2:50pm (ZOP 1240) Osterhouse, R
Tu.....10:00am-10:50am (ZOP 1228) DIS
0222 MW.....2:00pm- 2:50pm (ZOP 1240) Osterhouse, R
Tu.....11:00am-11:50am (ZOP 1228) DIS
0223 MW.....2:00pm- 2:50pm (ZOP 1240) Osterhouse, R
Tu.....12:00pm-12:50pm (ZOP 1228) DIS
0224 MW.....2:00pm- 2:50pm (ZOP 1240) Osterhouse, R
Tu.....1:00pm- 1:50pm (ZOP 1228) DIS
0225 MW.....2:00pm- 2:50pm (ZOP 1240) Osterhouse, R
Tu.....2:00pm- 2:50pm (ZOP 1228) DIS
0226 MW.....2:00pm- 2:50pm (ZOP 1240) Osterhouse, R
Tu.....3:00pm- 3:50pm (ZOP 1228) DIS
0227 MW.....2:00pm- 2:50pm (ZOP 1240) Osterhouse, R
Tu.....4:00pm- 4:50pm (ZOP 1228) DIS
0228 MW.....2:00pm- 2:50pm (ZOP 1240) Osterhouse, R
Th.....9:00am- 9:50am (ZOP 1228) DIS
0229 MW.....2:00pm- 2:50pm (ZOP 1240) Osterhouse, R
Th.....10:00am-10:50am (ZOP 1228) DIS
0230 MW.....2:00pm- 2:50pm (ZOP 1240) Osterhouse, R
Th.....11:00am-11:50am (ZOP 1228) DIS
0231 MW.....2:00pm- 2:50pm (ZOP 1240) Osterhouse, R
Th.....12:00pm-12:50pm (ZOP 1228) DIS
0232 MW.....2:00pm- 2:50pm (ZOP 1240) Osterhouse, R
Th.....1:00pm- 1:50pm (ZOP 1228) DIS
0233 MW.....2:00pm- 2:50pm (ZOP 1240) Osterhouse, R
Th.....2:00pm- 2:50pm (ZOP 1228) DIS
0330 TuTh.....1:00pm- 1:50pm (ZOP 1240) Martin, J
Tu.....2:00pm- 2:50pm (ZOP 1234) DIS
0331 TuTh.....1:00pm- 1:50pm (ZOP 1240) Martin, J
W.....10:00am-10:50am (ZOP 1234) DIS
0332 TuTh.....1:00pm- 1:50pm (ZOP 1240) Martin, J
W.....11:00am-11:50am (ZOP 1234) DIS
0333 TuTh.....1:00pm- 1:50pm (ZOP 1240) Martin, J
W.....12:00pm-12:50pm (ZOP 1234) DIS
0334 TuTh.....1:00pm- 1:50pm (ZOP 1240) Martin, J
W.....1:00pm- 1:50pm (ZOP 1234) DIS
0335 TuTh.....1:00pm- 1:50pm (ZOP 1240) Martin, J
W.....2:00pm- 2:50pm (ZOP 1234) DIS
0336 TuTh.....1:00pm- 1:50pm (ZOP 1240) Martin, J
W.....3:00pm- 3:50pm (ZOP 1234) DIS
0337 TuTh.....1:00pm- 1:50pm (ZOP 1240) Martin, J
W.....4:00pm- 4:50pm (ZOP 1234) DIS
0338 TuTh.....1:00pm- 1:50pm (ZOP 1240) Martin, J
Th.....2:00pm- 2:50pm (ZOP 1234) DIS
0339 TuTh.....1:00pm- 1:50pm (ZOP 1240) Martin, J
F.....10:00am-10:50am (ZOP 1234) DIS
0340 TuTh.....1:00pm- 1:50pm (ZOP 1240) Martin, J
F.....11:00am-11:50am (ZOP 1234) DIS
0341 TuTh.....1:00pm- 1:50pm (ZOP 1240) Martin, J
F.....12:00pm-12:50pm (ZOP 1234) DIS
0342 TuTh.....1:00pm- 1:50pm (ZOP 1240) Martin, J
F.....1:00pm- 1:50pm (ZOP 1234) DIS
0343 TuTh.....1:00pm- 1:50pm (ZOP 1240) Martin, J
F.....2:00pm- 2:50pm (ZOP 1234) DIS
0440 TuTh.....1:00pm- 1:50pm (ZOP 1243) Allen, L
W.....2:00pm- 2:50pm (ZOP 1228) DIS
0441 TuTh.....1:00pm- 1:50pm (ZOP 1243) Allen, L
W.....3:00pm- 3:50pm (ZOP 1228) DIS
0442 TuTh.....1:00pm- 1:50pm (ZOP 1243) Allen, L
W.....4:00pm- 4:50pm (ZOP 1228) DIS
0443 TuTh.....1:00pm- 1:50pm (ZOP 1243) Allen, L
F.....10:00am-10:50am (ZOP 1228) DIS
0444 TuTh.....1:00pm- 1:50pm (ZOP 1243) Allen, L
F.....11:00am-11:50am (ZOP 1238) DIS
0550 MW.....12:00pm-12:50pm (ZOP 1250) Meinholdt, C
M.....1:00pm- 1:50pm (ZOP 1232) DIS
0551 MW.....12:00pm-12:50pm (ZOP 1250) Meinholdt, C
M.....2:00pm- 2:50pm (ZOP 1238) DIS
0552 MW.....12:00pm-12:50pm (ZOP 1250) Meinholdt, C
M.....3:00pm- 3:50pm (ZOP 1238) DIS
0553 MW.....12:00pm-12:50pm (ZOP 1250) Meinholdt, C
W.....10:00am-10:50am (ZOP 1232) DIS
0554 MW.....12:00pm-12:50pm (ZOP 1250) Meinholdt, C
W.....1:00pm- 1:50pm (ZOP 1232) DIS
0660 MW.....3:00pm- 3:50pm (ZOP 1250) Zohar, D
W.....9:00am- 9:50am (ZOP 1232) DIS
0661 MW.....3:00pm- 3:50pm (ZOP 1250) Zohar, D
W.....12:00pm-12:50pm (ZOP 1228) DIS
0662 MW.....3:00pm- 3:50pm (ZOP 1250) Zohar, D
W.....1:00pm- 1:50pm (ZOP 1228) DIS
0663 MW.....3:00pm- 3:50pm (ZOP 1250) Zohar, D
W.....9:00am- 9:50am (ZOP 2283) DIS
0664 MW.....3:00pm- 3:50pm (ZOP 1250) Zohar, D
W.....4:00pm- 4:50pm (ZOP 2283) DIS

PSYC100H (PermReq) Introduction to Psychology; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D Course. Honors. Permission may be obtained in the General Honors Program Office (0110 Hornbake) or in ZOP 1141. 3 credits
0201 TuTh.....2:00pm- 3:15pm (ZOP 1124) Steinman, R

PSYC200 (PermReq) Statistical Methods in Psychology; Grade Method: REG/P-F/AUD. Prerequisite: PSYC 100; and MATH 111 or MATH 140 or MATH 220. 3 credits
0101 MWF.....9:00am- 9:50am (ZOP 1236) Anderson, N
0201 MWF.....10:00am-10:50am (ZOP 1238) Larkin, W
0301 MWF.....1:00pm- 1:50pm (ZOP 1238) Larkin, W
0401 TuTh.....9:30am-10:45am (ZOP 1238) Penner, M
0501 TuTh.....11:00am-12:15pm (ZOP 1238) Norman, K
0601 TuTh.....12:30pm- 1:45pm (ZOP 1238) Penner, M
0701 TuTh.....3:30pm- 4:45pm (ZOP 1234) Martin, J

PSYC221 Social Psychology; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D Course. Prerequisite: PSYC 100. 3 credits
0110 MW.....1:00pm- 1:50pm (ZOP 1240) Ford, T
M.....2:00pm- 2:50pm (ZOP 1232) DIS
0111 MW.....1:00pm- 1:50pm (ZOP 1240) Ford, T
M.....3:00pm- 3:50pm (ZOP 1232) DIS
0112 MW.....1:00pm- 1:50pm (ZOP 1240) Ford, T
Tu.....4:00pm- 4:50pm (ZOP 1232) DIS
0113 MW.....1:00pm- 1:50pm (ZOP 1240) Ford, T
Tu.....8:00am- 8:50am (ZOP 1232) DIS
0114 MW.....1:00pm- 1:50pm (ZOP 1240) Ford, T
Tu.....9:00am- 9:50am (ZOP 1232) DIS
0115 MW.....1:00pm- 1:50pm (ZOP 1240) Ford, T
Tu.....10:00am-10:50am (ZOP 1124) DIS
0116 MW.....1:00pm- 1:50pm (ZOP 1240) Ford, T
Tu.....11:00am-11:50am (ZOP 1124) DIS
0117 MW.....1:00pm- 1:50pm (ZOP 1240) Ford, T
Tu.....12:00pm-12:50pm (ZOP 1124) DIS
0118 MW.....1:00pm- 1:50pm (ZOP 1240) Ford, T
Tu.....1:00pm- 1:50pm (ZOP 1124) DIS
0119 MW.....1:00pm- 1:50pm (ZOP 1240) Ford, T
Tu.....2:00pm- 2:50pm (ZOP 2109) DIS

PSYC301 Biological Basis of Behavior; Grade Method: REG/P-F/AUD. USP Distributive Studies Area B Course. Prerequisite: PSYC 100. 3 credits
0101 MWF.....1:00pm- 1:50pm (ZOP 1250) Yager, D

PSYC309A Special Topics in Psychology: Computers and Education; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....3:30pm- 4:45pm (ZOP 1124) Gollub, L

PSYC310 Perception; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D Course. Prerequisite: PSYC 100 or permission of department. Not open to students who have completed PSYC 410. 3 credits
0101 TuTh.....9:30am-10:45am (ZOP 1243) Steinman, R

PSYC332 Psychology of Human Sexuality; Grade Method: REG/P-F/AUD. Prerequisite: PSYC 100. 3 credits
0101 TuTh.....2:00pm- 3:15pm (ZOP 1250) Brown, R

PSYC336 Psychology of Women; Grade Method: REG/P-F/AUD. Prerequisite: PSYC 100. 3 credits
0101 TuTh.....3:30pm- 4:45pm (ZOP 1243) Helms, J

PSYC341 Introduction to Memory and Cognition; Grade Method: REG/P-F/AUD. Prerequisite: PSYC 100. 3 credits
0101 MWF.....2:00pm- 2:50pm (ZOP 1243) Horton, D

PSYC353 Adult Psychopathology; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D Course. Prerequisite: PSYC 100. Credit will be granted for only one of the following: PSYC 353 and PSYC 331 or PSYC 431. 3 credits
0101 TuTh.....12:30pm- 1:45pm (ZOP 1250) Steele, R

PSYC354 Cross-Cultural Psychology; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. Prerequisite: PSYC 100 plus 3 credits in psychology or permission of department. 3 credits
0101 TuTh.....9:30am-10:45am (ZOP 2109) Tyler, F

PSYC355 Child Psychology; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D Course. Prerequisite: PSYC 100. Not open to students who have completed PSYC 333 or PSYC 433. 3 credits
0101 MWF.....2:00pm- 2:50pm (ZOP 1250) Johnson, J

PSYC356 Psychology of Adolescence; Grade Method: REG/P-F/AUD. Prerequisite: PSYC 355 or permission of department. 3 credits
0101 TuTh.....2:00pm- 3:15pm (ZOP 1243) Hall, W

PSYC361 Survey of Industrial and Organizational Psychology; Grade Method: REG/P-F/AUD. Prerequisite: PSYC 100. 3 credits
0101 TuTh.....11:00am-12:15pm (ZOP 1250) Klein, K

PSYC386 (PermReq) Field Work; Grade Method: REG/P-F/AUD. Information about the psychology field work program may be obtained in ZOP 1141. 1-3 credits
0101 W.....3:00pm- 5:00pm (ZOP 1232) Coursey, R

PSYC387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD. Information about the psychology field work program may be obtained in ZOP 1141. 1 credit
0101 Time and room to be arranged Coursey, R

PSYC400 (PermReq) Experimental Psychology: Learning and Motivation; Grade Method: REG/P-F/AUD. Prerequisites: PSYC 200; completion of the departmentally required English, math and science supporting course sequence; and permission of department. Permission may be obtained in ZOP 1141. Department approval required after first week of classes. Waitlist is discontinued after first week of classes. 4 credits
0101 TuTh.....12:00pm-12:50pm (ZOP 1243) Gollub, L
MTuThF.....10:00am-10:50am (ZOP 4102) LAB
0102 TuTh.....12:00pm-12:50pm (ZOP 1243) Gollub, L
MTuThF.....11:00am-11:50am (ZOP 4102) LAB
0103 TuTh.....12:00pm-12:50pm (ZOP 1243) Gollub, L
MTuThF.....1:00pm- 1:50pm (ZOP 4102) LAB
0104 TuTh.....12:00pm-12:50pm (ZOP 1243) Gollub, L
MTuThF.....2:00pm- 2:50pm (ZOP 4102) LAB
0105 TuTh.....12:00pm-12:50pm (ZOP 1243) Gollub, L
MTuThF.....3:00pm- 3:50pm (ZOP 4102) LAB
0106 TuTh.....12:00pm-12:50pm (ZOP 1243) Gollub, L
MTuThF.....9:00am- 9:50am (ZOP 4102) LAB

PSYC402 Physiological Psychology; Grade Method: REG/P-F/AUD. Prerequisite: PSYC 206 or PSYC 301. Credit will be granted for only 3 credits

one of the following: ZOOL 323 or PSYC 402.
0101 TuTh.....9:30am-10:45am (ZOP 1236) Brauth, S

PSYC410 (PermReq) Experimental Psychology: Sensory Processes I; Grade Method: REG/P-F/AUD. Prerequisites: PSYC 200; and completion of the English, math and science supporting course sequence; and permission of department. A student who has completed PSYC 310 must have permission of the instructor in order to register for PSYC 410. All others must obtain permission in ZOP 1141. Department approval required after first week of classes. Waitlist is discontinued after first week of classes. 4 credits
0101 TuTh.....9:30am-10:45am (ZOP 2283) Sternheim, C
F.....1:00pm- 3:00pm (ZOP 0124) LAB
0102 TuTh.....9:30am-10:45am (ZOP 2283) Sternheim, C
F.....10:00am-12:00pm (ZOP 0124) LAB

PSYC420 (PermReq) Experimental Psychology: Social Processes I; Grade Method: REG/P-F/AUD. Prerequisite: PSYC 200; and PSYC 221; and completion of the departmentally required English, math, and science supporting course sequence; and permission of department. Permission may be obtained in ZOP 1141. Department approval is required after first week of classes. Waitlist is discontinued after first week of classes. 4 credits
0101 M.....2:00pm- 4:00pm (ZOP 2283) Sigall, H
WF.....1:00pm- 3:00pm (ZOP 0147) LAB
0102 M.....2:00pm- 4:00pm (ZOP 2283) Sigall, H
WF.....3:00pm- 5:00pm (ZOP 0147) LAB
0103 M.....2:00pm- 4:00pm (ZOP 2283) Sigall, H
TuTh.....1:00pm- 3:00pm (ZOP 0147) LAB
0104 M.....2:00pm- 4:00pm (ZOP 2283) Sigall, H
TuTh.....3:00pm- 5:00pm (ZOP 0147) LAB
0201 TuTh.....2:00pm- 2:50pm (ZOP 1236) Kruglanski, A
WF.....9:00am-11:00am (ZOP 0147) LAB
0202 TuTh.....2:00pm- 2:50pm (ZOP 1236) Kruglanski, A
WF.....11:00am- 1:00pm (ZOP 0147) LAB
0203 TuTh.....2:00pm- 2:50pm (ZOP 1236) Kruglanski, A
TuTh.....9:00am-11:00am (ZOP 0147) LAB
0204 TuTh.....2:00pm- 2:50pm (ZOP 1236) Kruglanski, A
TuTh.....11:00am- 1:00pm (ZOP 0147) LAB

PSYC424 Communication and Persuasion; Grade Method: REG/P-F/AUD. Prerequisite: PSYC 221 or equivalent. 3 credits
0101 TuTh.....11:00am-12:15pm (ZOP 1236) Mills Jr, J

PSYC432 Introduction to Counseling Psychology; Grade Method: REG/P-F/AUD. Prerequisite: nine hours in psychology. 3 credits
0101 MWF.....11:00am-11:50am (ZOP 1236) Gelso, C

PSYC433 Analysis of Helping Relationships; Grade Method: REG. Prerequisites: PSYC 200; [and PSYC 235 or PSYC 334 or PSYC 435 or PSYC 432]. 3 credits
0101 TuTh.....12:30pm- 1:45pm (ZOP 1236) Hill, C

PSYC435 Personality Theories; Grade Method: REG/P-F/AUD. Prerequisite: PSYC 100; and PSYC 200 or equivalent. 3 credits
0101 TuTh.....2:00pm- 3:15pm (ZOP 2283) Alexander, P

PSYC436 Introduction to Clinical Psychology; Grade Method: REG/P-F/AUD. Prerequisite: PSYC 100. 3 credits
0101 TuTh.....12:30pm- 1:45pm (ZOP 2283) Dies, R

PSYC440 (PermReq) Experimental Psychology: Cognitive Processes; Grade Method: REG/P-F/AUD. Prerequisites: PSYC 100; and PSYC 200 or a statistics course from an approved departmental list; and completion of the departmentally required English, math and science supporting course sequence; and permission of department. Prerequisite: PSYC 200 or a statistics course from an approved departmental list, and completion of the departmentally required English, math and science supporting course sequence. Permission may be obtained in ZOP 1141. Department approval required after first week of classes. Waitlist is discontinued after first week of classes. 4 credits
0101 MW.....10:00am-10:50am (ZOP 1236) Plude, D
M.....1:00pm- 5:00pm (ZOP 0124) LAB
0102 MW.....10:00am-10:50am (ZOP 1236) Plude, D
Tu.....1:00pm- 5:00pm (ZOP 0124) LAB

PSYC443 Thinking and Problem Solving; Grade Method: REG/P-F/AUD. Prerequisites: PSYC 200; and [PSYC 341 or PSYC 440] or permission of department. 3 credits
0101 TuTh.....3:30pm- 4:45pm (ZOP 1238) Norman, K

PSYC455 Life-Span Cognitive Development; Grade Method: REG/P-F/AUD. Prerequisite: PSYC 355 or PSYC 341 or PSYC 440 or equivalent. 3 credits
0101 MWF.....10:00am-10:50am (ZOP 1243) Scholnick, E

PSYC463 Psychology of Motivation and Attitudes in Organizational Settings; Grade Method: REG/P-F/AUD. Prerequisite: PSYC 361 or equivalent. 3 credits
0101 Tu.....3:00pm- 5:30pm (ZOP 1236) Gunnarson, S

PSYC468H (PermReq) Field Experience and Special Assignments in Honors; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Permission may be obtained in ZOP 1107. 1-3 credits

PSYC469H (PermReq) Honors Thesis Proposal Preparation; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Permission may be obtained in ZOP 1107. 1-3 credits

PSYC478 (PermReq) Independent Study in Psychology; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Information about independent study may be obtained in ZOP 1107. 1-3 credits

PSYC479 (PermReq) Special Research Problems in Psychology; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Information about research credit may be obtained in ZOP 1107. 1-3 credits

PSYC488H (PermReq) Advanced Psychology I (Honors); Grade Method: REG/P-F/AUD. Permission may be obtained in ZOP 1141. 3 credits
0101 TuTh.....2:00pm- 3:15pm (ZOP 1232) Plude, D

PSYC499H (PermReq) Honors Thesis Research; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of the thesis advisor. Permission may be obtained in ZOP 1107. 3 credits

Note: For all non-psychology graduate students, written permission of the instructor is required for all 800 courses and above.

PSYC801 Quantitative Methods I; Grade Method: REG/AUD. Prerequisite: PSYC 200 or equivalent. For all non-PSYC graduate students, permission of instructor and department is required. 3 credits
0101 TuTh.....10:00am-12:00pm (ZOP 1232) Hanges, P

PSYC811 Advanced Developmental Psychology; Grade Method: REG/AUD. 3 credits
0101 W.....3:00pm- 5:30pm (ZOP 1103) Hall, W

PSYC812 Theories of Personality; Grade Method: REG/AUD. 3 credits
0101 Th.....3:00pm- 6:00pm (ZOP 1103) Smith, B

PSYC840 Fundamentals of Social Psychology; Grade Method: REG/AUD. 3 credits
0101 Tu.....3:00pm- 5:30pm (ZOP 3132) Sigall, H

PSYC851 Sensory and Perceptual Processes; Grade Method: REG/AUD. 3 credits
0101 W.....9:30am-12:00pm (ZOP 0124) Sternheim, C

PSYC871 Advanced Topics in Human Learning and Cognitive Psychology; Grade Method: REG/AUD. 3 credits
0101 M.....3:00pm- 6:00pm (ZOP 1103) Anderson, N

PSYC879 Seminar in Cognitive Development; Grade Method: REG/AUD. 3 credits
0101 W.....9:30am-12:00pm (ZOP 1112) Johnson, J

PSYC711 Introduction to Counseling Psychology; Grade Method: REG/AUD. Prerequisite: permission of department. 3 credits
0101 MW.....10:00am-12:00pm (ZOP 1103) Hill, C

PSYC713 Fundamentals of Clinical/Community Psychology; Grade Method: REG/AUD. Prerequisite: permission of department. 3 credits
0101 W.....12:00pm- 3:00pm (ZOP 1103) Tyler, F

PSYC719 Seminar in Clinical, Counseling, and Community Psychology; Grade Method: REG/AUD. For all non-PSYC graduate students, permission of instructor and department is required. 3 credits
0101 M.....1:00pm- 4:00pm (ZOP 1112) Gelso, C
0201 Th.....9:00am-12:00pm (ZOP 1112) Brown, R

PSYC721 Assesment Issues in Clinical/Community Psychology I; Grade Method: REG/AUD. Prerequisite: permission of department. Corequisite: PSYC 722. For all non-PSYC graduate students, permission of instructor and department is required. 2 credits
0101 M.....9:00am-12:00pm (ZOP 1112) STAFF
0201 W.....12:00pm- 3:00pm (ZOP 2109) Helms, J

PSYC722 Assesment Issues in Clinical/Community Psychology I; Grade Method: REG/AUD. Prerequisite: permission of department. Corequisite: PSYC 721. For all non-PSYC graduate students, permission of instructor and department is required. 2 credits
0101 W.....9:00am-12:00pm (ZOP 2109) Steele, R

PSYC728 Introductory Didactic-Practicum in Psychological Intervention; Grade Method: REG/AUD. For all non-PSYC graduate students, permission of instructor and department is required. 3 credits
0101 Time and room to be arranged Dies, R
0201 Tu.....9:00am-12:00pm (ZOP 1112) Alexander, P
0301 Time and room to be arranged Lorion, R

PSYC729 Advanced Didactic-Practicum in Psychological Intervention; Grade Method: REG/AUD. For all non-PSYC graduate students, permission of instructor and department is required. 3 credits
0101 Tu.....2:00pm- 5:00pm (ZOP 1112) Allen, L

PSYC730 Introduction to Industrial and Organizational Psychology; Grade Method: REG/AUD. For all non-PSYC graduate students, permission of instructor and department is required. 3 credits
0101 M.....9:30am-12:00pm (ZOP 2109) Klein, K

PSYC738 Seminar in Industrial Psychology; Grade Method: REG/AUD. 3 credits
0101 Tu.....9:30am-12:00pm (ZOP 1103) Guzzo, R
0201 Tu.....2:30pm- 5:00pm (ZOP 1103) Schneider, B

PSYC743 Person Perception; Grade Method: REG/AUD. 3 credits
0101 W.....4:00pm- 6:30pm (ZOP 3132) Kruglanski, A

PSYC749 Current Research in Social Psychology; Grade Method: REG/AUD. For all non-PSYC graduate students, permission of instructor and department is required. 1-3 credits
0101 M.....4:00pm- 6:30pm (ZOP 3132) Mills Jr, J

PSYC763 Advanced Psychophysiology; Grade Method: REG/AUD. 3 credits
0101 Th.....12:30pm- 3:00pm (ZOP 1103) Brauth, S

PSYC789 Special Research Problems; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-4 credits

PSYC798 Graduate Seminar; Grade Method: REG/AUD. 2 credits
6901 Time and room to be arranged Yager, D

PSYC799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. For all non-PSYC graduate students, permission of instructor and department is required. 1-6 credits

PSYC888 Research Methods in Psychology; Grade Method: REG/AUD. For all non-PSYC graduate students, permission of instructor and department is required. 1-3 credits
0101 W.....3:00pm- 5:00pm (ZOP 1112) Anderson, N
0201 M.....4:00pm- 5:30pm (ZOP 2109) Guzzo, R
0301 Th.....8:30am-10:00am (ZOP 1103) Fretz, B

PSYC899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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PUAF Public Affairs (Public Affairs)

PUAF601 (PermReq) Professional Development Seminar; Grade Method: REG/AUD. Prerequisite: permission of department. 1 credit
0101 Tu.....2:00pm- 3:30pm (HZF 1101) Powers, W

PUAF610 (PermReq) Quantitative Methods in Policy Analysis; Grade Method: REG/AUD. Prerequisite: permission of department. Section 0301 will be taught in Washington. 3 credits
0101 M.....1:30pm- 4:00pm (LEF 1210) STAFF
W.....6:45pm- 7:30pm (LEF 1220) DIS
0201 W.....4:00pm- 6:45pm (TLF 1101) STAFF
0301 Time and room to be arranged DIS Young, H

PUAF620 (PermReq) Political Analysis; Grade Method: REG/AUD. Prerequisite: permission of department. 3 credits
0101 MW.....10:35am-11:50am (EDU 2101) Schick, A
0301 M.....4:00pm- 6:30pm (LEF 1221) Schick, A

PUAF640 (PermReq) Microeconomic Theory and Policy Analysis; Grade Method: REG/AUD. Prerequisite: permission of department. 3 credits
0101 MW.....9:00am-10:25am (LEF 1208) Levy, F
Tu.....11:00am-12:00pm (LEF 1208) DIS
0301 W.....1:30pm- 3:45pm (LEF 1208) STAFF

PUAF650 (PermReq) Normative Analysis; Grade Method: REG/AUD. Prerequisite: permission of department. 3 credits
0201 M.....4:00pm- 6:30pm (TLF 1101) Galston, W

PUAF660 (PermReq) Policy Workshop; Grade Method: REG/AUD. Prerequisite: permission of department. 3 credits
0101 TuTh.....9:30am-10:45am (LEF 1210) Hedman, S

PUAF698E (PermReq) Selected Topics in Public Affairs: Leadership; Grade Method: REG. For majors or department permission. 3 credits
0101 W.....7:00pm- 9:30pm (TLF 2101) Adams, B

PUAF698P (PermReq) Selected Topics in Public Affairs: Housing Finance Overview; Grade Method: REG/AUD. This course is to be taught in Annapolis. 3 credits
0101 Th.....9:00am-11:30am (Arranged) Slater, S

PUAF698Q (PermReq) Selected Topics in Public Affairs: American Living Standards and Poverty; Grade Method: REG/AUD. 3 credits
0101 MW.....2:00pm- 3:30pm (LEF 1201) Levy, F

PUAF698R (PermReq) Selected Topics in Public Affairs: Family Policy; Grade Method: REG/AUD. 3 credits
0101 W.....4:00pm- 6:30pm (WDS 1131) Besharov, D

PUAF698S (PermReq) Selected Topics in Public Affairs: Soviet-American Relations; Grade Method: REG/AUD. 3 credits
0101 M.....1:30pm- 3:45pm (ZOP 1208) Nacht, M

PUAF698T (PermReq) Selected Topics in Public Affairs: Global Environmental Problems; Grade Method: REG/AUD. 3 credits
0101 Th.....1:30pm- 3:45pm (LEF 1208) Fetter, S

PUAF698U (PermReq) Selected Topics in Public Affairs: Managing the Planet: Strategies for Protecting the Global Environment; Grade Method: REG/AUD. 3 credits
0101 Th.....4:00pm- 6:30pm (LEF 1208) Miller, A

PUAF698Y (PermReq) Selected Topics in Public Affairs: Implementation of Domestic Social Policy; Grade Method: REG/AUD. 3 credits
0101 M.....4:00pm- 6:30pm (ZOP 1232) Mohrman, K

PUAF698Z (PermReq) Selected Topics in Public Affairs: Seminar in U.S.-Japan Relations; Grade Method: REG/AUD. 3 credits
0101 Tu.....1:30pm- 3:45pm (JMZ 2123) Destler, I

PUAF700 (PermReq) U.S. Trade: Policy and Politics; Grade Method: REG/AUD. Prerequisites: [PUAF 620; and PUAF 640; and PUAF 641] and permission of department. 3 credits
0101 W.....4:00pm- 6:30pm (WDS 1130) Destler, I

PUAF701 (PermReq) Public Policies Toward Business: Legal Institutions; Grade Method: REG/AUD. Prerequisite: permission of department. 3 credits
0101 Tu.....4:00pm- 6:30pm (LEF 1220) Harter, P

PUAF712 (PermReq) Analysis of Fiscal Conditions; Grade Method: REG/AUD. Prerequisite: permission of department. 3 credits
0101 W.....4:00pm- 6:30pm (LEF 1222) Slater, S

PUAF714 (PermReq) Advanced Financial Management; Grade Method: REG/AUD. Prerequisite: permission of department. 3 credits
0101 W.....1:30pm- 3:45pm (LEF 1210) Rhyne, B

PUAF715 (PermReq) Government and Non-Profit Accounting; Grade Method: REG/AUD. Prerequisites: permission of department. 3 credits
0101 M.....4:00pm- 6:30pm (LEF 1220) Campbell, L

PUAF720 (PermReq) National Security in the Nuclear Age; Grade Method: REG/AUD. Prerequisite: permission of department. 3 credits
0101 Tu.....4:00pm- 6:30pm (LEF 1208) Fetter, S

PUAF724 (PermReq) Defense Policy Analysis: Quantitative Techniques; Grade Method: REG/AUD. Prerequisite: permission of department. 3 credits
0101 Tu.....7:00pm- 9:30pm (LEF 1201) McCue, B

PUAF740 (PermReq) Public Policy and the Environment; Grade Method: REG/AUD. Prerequisite: permission of department. This course will be taught in Washington. 3 credits
0201 Time and room to be arranged Hedman, S

PUAF790 (PermReq) Project Course; Grade Method: REG/AUD. Prerequisite: permission of department. 3 credits
0101 Time and room to be arranged Destler, I
0201 Time and room to be arranged Fetter, S
0301 Time and room to be arranged Slater, S
0401 Time and room to be arranged Brown, P
0501 Time and room to be arranged Levy, F

PUAF798B (PermReq) Readings in Public Policy; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

PUAF798R (PermReq) Readings in Public Policy: Research Methods and Public Policy; Grade Method: REG/AUD. PHD candidates or department permission. 3 credits
0101 Tu.....1:30pm- 4:00pm (LEF 1208) Baily, M

PUAF899 (PermReq) Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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RECR Recreation (Hlth & Human Performance)

RECR130 Recreation and Leisure; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D Course. All recreation majors enrolled in RECR 130 must enroll for RECR 489R at the same time. 3 credits
0101 MWF.....9:00am- 9:50am (HHP 1301) Kauffman, R

RECR270 Leisure Services and Special Populations; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....9:30am-10:45am (HHP 0307) STAFF

RECR271 Implications of Disabling Conditions For Therapeutic Recreation; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....12:30pm- 1:45pm (HHP 0307) Annand, V

RECR300 Senior Seminar; Grade Method: REG. Prerequisite: permission of department. Limited to recreation majors only. 1 credit
0101 M.....4:15pm- 5:30pm (HHP 0301) Annand, V

RECR335 Recreation and Leisure; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....8:00am- 9:15am (HHP 1312) Verhoven Jr., P

RECR341 (PermReq) Field Work II; Grade Method: REG. Prerequisites: RECR 300; and permission of department. Limited to recreation majors only. 8 credits
0101 M.....5:30pm- 7:00pm (HHP 0301) LAB Annand, V
Time and room to be arranged LAB

RECR350 Recreational Use of Natural Areas; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....2:00pm- 3:15pm (HHP 0305) Kauffman, R

RECR375 Principles of Therapeutic Recreation; Grade Method: REG. Prerequisite: RECR 271. 3 credits
0101 TuTh.....8:00am- 9:15am (HHP 0303) Butler, N

RECR386 (PermReq) Field Work; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Advisor approval required before registration. This course meets twice during the semester. Contact the department for meeting dates and times on first day of semester. 1-3 credits

RECR387 (PermReq) Field Work Analysis; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Advisor approval required before registration. This course meets twice during the semester. Contact the department for meeting dates and times on first day of semester. 1-3 credits

RECR410 Measurement and Evaluation in Recreation; Grade Method: REG/P-F/AUD. Prerequisite: RECR 130; or permission of department. At least 56 credits earned. 3 credits
0101 TuTh.....9:30am-10:45am (HHP 0305) Kauffman, R

RECR420 Program Planning and Analysis; Grade Method: REG/P-F/AUD. Prerequisite: RECR 130; or RECR 325. Recommended: RECR 220. 3 credits
0101 TuTh.....11:00am-12:15pm (HHP 0307) Strobell, A

RECR432 Philosophy of Recreation; Grade Method: REG/P-F/AUD. At least 56 hours earned. 3 credits
0101 MWF.....9:00am- 9:50am (HHP 0301) Humphrey, F

RECR440 Leisure Services for the Aging; Grade Method: REG/P-F/AUD. Prerequisite: RECR 130. 3 credits
0101 Th.....4:15pm- 6:45pm (HHP 0305) STAFF

RECR460 Leadership Techniques and Practices; Grade Method: REG/P-F/AUD. Prerequisite: RECR 130. At least 56 credits earned. 3 credits
0101 MWF.....10:00am-10:50am (HHP 1302) STAFF

RECR489 (PermReq) Field Laboratory Projects and Workshop; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Advisor approval required before registration. 1-6 credits

RECR489R Field Laboratory Projects and Workshop: Orientation to Leisure Service; Grade Method: REG. Limited to recreation majors. Must enroll for RECR 130 at the same time. 1 credit
0101 W.....3:00pm- 3:50pm (HHP 0307) LAB Churchill, J

RECR490 Organization and Administration of Recreation; Grade Method: REG/P-F/AUD. At least 56 credits earned. 3 credits
0101 MWF.....11:00am-11:50am (HHP 0305) Churchill, J

RECR493 Tourism and Commercial Leisure Services; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....12:30pm- 1:45pm (HHP 0303) Verhoven Jr., P

RECR498C Special Topics in Recreation: Sign Language and Recreation for the Deaf; Grade Method: REG/P-F/AUD. 3 credits
0101 Tu.....4:15pm- 6:45pm (HHP 0308) Oliva, G

RECR498P Special Topics in Recreation: Foundations of the Leisure Profession; Grade Method: REG/P-F/AUD. Not offered for graduate credit. 3 credits
0101 W.....4:15pm- 6:45pm (HHP 0302) Strobell, A

RECR498T Special Topics in Recreation: Park and Forest Resource Management; Grade Method: REG/AUD. 3 credits
0101 Th.....4:15pm- 6:45pm (HHP 0307) STAFF

RECR498Y (PermReq) Special Topics in Recreation: Computer Applications in Leisure Services; Grade Method: REG/P-F/AUD. 3 credits
0101 M.....7:00pm- 9:45pm (HHP 1304) STAFF

RECR610 Methods and Techniques of Research; Grade Method: REG/AUD. 3 credits
0101 W.....4:15pm- 6:45pm (HHP 1302) Iso-Ahola, S

RECR633 Foundations of Recreation; Grade Method: REG/AUD. Prerequisite: permission of department. Required for all entering graduate students. 3 credits
0101 Th.....7:00pm- 9:45pm (HHP 0307) Strobell, A

RECR687 (PermReq) Advanced Seminar; Grade Method: REG. Prerequisite: permission of department. Repeatable to 3 credits. 1-3 credits
0401 M.....7:00pm- 9:45pm (HHP 0305) Verhoven Jr., P

RECR688 (PermReq) Special Problems in Recreation; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Graduate students only. Must have consent of instructor prior to registration. 1-6 credits

RECR688B Special Problems in Recreation: Administrative Issues in Leisure Services for Therapeutic Recreation; Grade Method: REG/AUD. 3 credits
0101 M.....4:15pm- 6:45pm (HHP 0307) Humphrey, F

RECR690 Administrative Direction of Recreation; Grade Method: REG/AUD. 3 credits
0101 Tu.....7:00pm- 9:45pm (HHP 0305) Churchill, J

RECR799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

RECR899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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RTVF Radio Television and Film (Arts and Humanities)

RTVF 222 and 223 (grades of "C" or better) are prerequisites for majors prior to enrollment in upper level broadcasting courses. RTVF 222 and 314 (grades of "C" or better) are prerequisites prior to

enrollment in all additional upper level film courses. Non-majors are required to obtain instructor's consent for all upper level RTVF courses. All students are limited to one production course per semester unless permission is obtained prior to registration.

RTVF222 Introduction to Radio, Television, and Film; Grade Method: REG/AUD. — 3 credits
0101 MW.....2:00pm- 3:30pm (TWS 2154) — Gomery, D
0201 TuTh.....2:00pm- 3:30pm (TWS 2154) — Ferguson, M

RTVF223 The Television Program: Planning and Management; Grade Method: REG/P-F/AUD. Prerequisite: RTVF 222. — 3 credits
0101 TuTh.....9:30am-10:45am (TWS 2154) — Miller, D
Tu.....11:00am-12:15pm (TWS 0131) LAB
0102 TuTh.....9:30am-10:45am (TWS 2154) — Miller, D
Th.....11:00am-12:15pm (TWS 0131) LAB
0103 TuTh.....9:30am-10:45am (TWS 2154) — Miller, D
Tu.....12:30pm- 1:45pm (TWS 0135) LAB
0104 TuTh.....9:30am-10:45am (TWS 2154) — Miller, D
Th.....12:30pm- 1:45pm (TWS 0131) LAB
0105 TuTh.....9:30am-10:45am (TWS 2154) — Miller, D
Tu.....2:00pm- 3:15pm (TWS 0131) LAB
0106 TuTh.....9:30am-10:45am (TWS 2154) — Miller, D
Th.....2:00pm- 3:15pm (TWS 0131) LAB

RTVF302 (PermReq) Beginning Sound Production; Grade Method: REG/P-F/AUD. Prerequisite: RTVF 223. Majors only. — 3 credits
0101 M.....1:00pm- 1:50pm (TWS 0147) — Widomski, M
MW.....11:00am-12:50pm (TWS 0131) LAB
0102 M.....1:00pm- 1:50pm (TWS 0147) — Widomski, M
MW.....2:00pm- 3:50pm (TWS 0135) LAB

RTVF314 Introduction to the Film; Grade Method: REG/P-F/AUD. USP Distributive Studies Area C Course. This course does not count toward major requirements if used as USP. RTVF 314 is a prerequisite for all upper level film courses. — 3 credits
0101 TuTh.....11:00am- 1:30pm (TWS 2154) — Mashon, K
0201 F.....4:00pm- 6:00pm (TWS 2154) — Marchetti, G
W.....3:30pm- 6:00pm (TWS 2154)

RTVF317 (PermReq) Introduction to Writing For Radio, Television, Film; Grade Method: REG/P-F/AUD. Prerequisites: RTVF 222. Majors only. — 3 credits
0101 MWF.....10:00am-10:50am (TWS 0131) — Niven, H
0201 MWF.....11:00am-11:50am (TWS 0135) — Lancaster, D
0301 TuTh.....9:30am-10:45am (TWS 0131) — Coustaut, C

RTVF332 (PermReq) Public Broadcasting; Grade Method: REG/P-F/AUD. Majors only. — 3 credits
0101 TuTh.....4:00pm- 5:30pm (TWS 0147) — Hamilton, C

RTVF333 (PermReq) Television and Children; Grade Method: REG/P-F/AUD. Majors only. — 3 credits
0101 TuTh.....9:00am-10:15am (TWS 0147) — Parks, S

RTVF340 (PermReq) Principles of Television Production Techniques; Grade Method: REG/P-F/AUD. Prerequisites: RTVF 223 and permission of department. Majors only. — 3 credits
0101 M.....1:00pm- 1:50pm (ASY 2203) — Miller, D
MW.....9:00am-10:50am (TWS 0117) LAB
0102 M.....1:00pm- 1:50pm (ASY 2203) — Miller, D
MW.....11:00am-12:50pm (TWS 0117) LAB
0103 M.....1:00pm- 1:50pm (ASY 2203) — Miller, D
TuTh.....9:00am-10:50am (TWS 0117) LAB
0104 M.....1:00pm- 1:50pm (ASY 2203) — Miller, D
TuTh.....11:00am-12:50pm (TWS 0117) LAB

RTVF348 (PermReq) Television News and Public Affairs; Grade Method: REG/P-F/AUD. Prerequisite: RTVF 317 or JOUR 360. Majors only. — 3 credits
0101 MWF.....9:00am- 9:50am (TWS 0131) — Lancaster, D

RTVF347 (PermReq) Broadcast Processes and Effects; Grade Method: REG/P-F/AUD. Prerequisite: RTVF 222. Majors only. — 3 credits
0101 MWF.....1:00pm- 1:50pm (TWS 0138) — Megwa, E

RTVF351 (PermReq) Television Programming; Grade Method: REG/P-F/AUD. Prerequisite: RTVF 223. Majors only. — 3 credits
0101 TuTh.....11:00am-12:15pm (TWS 0147) — Blum, R

RTVF356 (PermReq) Film Production I, Introduction; Grade Method: REG/P-F/AUD. Prerequisites: for majors, RTVF 314 and permission of department; for non-majors, permission of department. — 3 credits
0101 TuTh.....11:00am-12:15pm (TWS 2218) — Coustaut, C

RTVF384 (PermReq) Field Work Experience; Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of department. For RTVF majors only. Applications must be approved prior to registration. Grading satisfactory/fail only. — 1-3 credits

RTVF385 (PermReq) Field Work Analysis; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of department. For RTVF majors only. Applications must be approved prior to registration. Must be taken with RTVF 384. — 1-3 credits

RTVF402 (PermReq) Advanced Sound Production; Grade Method: REG/P-F/AUD. Prerequisites: RTVF 302 and permission of department. — 3 credits
0101 W.....2:00pm- 4:00pm (TWS 0154) — Aylward, T
Time and room to be arranged LAB

RTVF414 (PermReq) Contemporary American Cinema; Grade Method: REG/P-F/AUD. Prerequisite: RTVF 222. Recommended: RTVF 314. For RTVF majors only. Majors only. — 3 credits
0101 MW.....11:00am- 1:30pm (TWS 2154) — Robinson, E

RTVF417 (PermReq) Screenwriting for TV and Film I; Grade Method: REG/P-F/AUD. Prerequisites: RTVF 317 or equivalent; and permission of department. Majors only. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (TWS 0138) — Blum, R

RTVF418W (PermReq) The Film Auteur: African American Women Filmmakers; Grade Method: REG/P-F/AUD. CORE Distributive Studies Cultural Diversity Course. Prerequisite: RTVF 314. — 3 credits
0101 TuTh.....3:30pm- 5:30pm (TWS 2154) — Coustaut, C

RTVF421 (PermReq) Film Criticism and Theory; Grade Method: REG/P-F/AUD. — 3 credits
0101 WF.....2:00pm- 4:00pm (TWS 0131) — Marchetti, G

RTVF440 (PermReq) Television Direction; Grade Method: REG/P-F/AUD. Prerequisites: RTVF 340 and permission of department. Majors only. — 3 credits
0101 MW.....2:00pm- 4:45pm (TWS 0117) — Lancaster, D

RTVF449 (PermReq) Television Workshop; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Variable credit 1-3, repeatable to a maximum of 6 credits. Majors only. — 1-3 credits

RTVF449V (PermReq) Television Workshop: Electronic Field Production; Grade Method: REG/P-F/AUD. Prerequisite: RTVF340. Majors only. — 3 credits
0101 TuTh.....2:00pm- 3:30pm (TWS 0138) — Daso, D

RTVF450 (PermReq) Radio and Television Station Management; Grade Method: REG/P-F/AUD. Majors only. — 3 credits
0101 MWF.....11:00am-11:50am (TWS 0147) — Kirkley Jr, D

RTVF451 (PermReq) Broadcast Criticism; Grade Method: REG/P-F/AUD. Majors only. — 3 credits
0101 MWF.....10:00am-10:50am (TWS 0147) — Kirkley Jr, D

RTVF456 (PermReq) Structure and Criticism of TV Advertising; Grade Method: REG/P-F/AUD. Prerequisites: RTVF 222; and RTVF 223; and RTVF 317. Majors only. — 3 credits
0101 MW.....9:30am-11:00am (TWS 2154) — Robinson, E

RTVF457 (PermReq) Media Economics; Grade Method: REG. Majors only. — 3 credits
0101 M.....3:30pm- 6:00pm (TWS 0138) — Gomery, J

RTVF470 (PermReq) Corporate Television; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (TWS 0154) — Aylward, T

RTVF498A (PermReq) Seminar; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Warrants must be approved prior to registration. Majors only. — 3 credits

RTVF498F (PermReq) Seminar: Television and the Family: Images and Audience; Grade Method: REG/P-F/AUD. — 3 credits
0101 M.....2:00pm- 4:30pm (TWS 0131) — Montgomery, K

RTVF498G (PermReq) Seminar: Gender Roles in Media; Grade Method: REG/P-F/AUD. — 3 credits
0101 Tu.....1:00pm- 3:30pm (TWS 2218) — Parks, S

RTVF600 Introduction to Graduate Study in Broadcasting; Grade Method: REG/AUD. Majors only. — 3 credits
0101 Th.....4:00pm- 7:00pm (TWS 0138) — Ferguson, M

RTVF617 (PermReq) Screenwriting I; Grade Method: REG/AUD. Prerequisite: permission of instructor. — 3 credits
0101 Tu.....3:15pm- 6:00pm (TWS 0154) — Blum, R

RTVF629W (PermReq) Special Problems in Film: Intertextuality: Wenders and American Cinema; Grade Method: REG/AUD. — 3 credits
0101 M.....3:00pm- 7:00pm (TWS 0154) — Kolker, R

RTVF648F (PermReq) Seminar in Broadcasting: Television and the Family: Images and Audience; Grade Method: REG/AUD. — 3 credits
0101 M.....2:00pm- 4:30pm (TWS 0131) — Montgomery, K

RTVF649E Special Problems in Broadcasting: Media Economics; Grade Method: REG/AUD. — 3 credits
0101 M.....3:30pm- 6:00pm (TWS 0138) — Gomery, J

RTVF649G Special Problems in Broadcasting: Gender Roles in Media; Grade Method: REG/AUD. — 3 credits
0101 Tu.....1:00pm- 3:30pm (TWS 2218) — Parks, S

RTVF699 (PermReq) Independent Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Warrants must be approved prior to registration. Majors only. — 1-3 credits

RTVF799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

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RUSS Russian — (Arts and Humanities)

RUSS101 Elementary Russian I; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Not open to native speakers of Russian. — 5 credits
0101 MTuWThF....8:00am- 8:50am (JMZ 3203) — STAFF
M.....10:00am-10:50am (JMZ 0105)
0201 MWF.....9:00am- 9:50am (JMZ 1117) — STAFF
TuTh.....9:00am- 9:50am (JMZ 1103)
M.....10:00am-10:50am (JMZ 0105)
0301 MWF.....10:00am-10:50am (ARM 0101) — STAFF
TuTh.....10:00am-10:50am (JMZ 1103)
M.....12:00pm-12:50pm (JMZ 0105)
0401 MWF.....11:00am-11:50am (ARM 0101) — STAFF
TuTh.....11:00am-11:50am (JMZ 1122)
M.....12:00pm-12:50pm (JMZ 0105)
0501 MWF.....12:00pm-12:50pm (JRN 1104) — STAFF
TuTh.....12:00pm-12:50pm (JMZ 2123)
M.....10:00am-10:50am (JMZ 0105)
0601 MTuWThF....1:00pm- 1:50pm (JMZ 2102) — STAFF
M.....12:00pm-12:50pm (JMZ 0105)

RUSS201 Intermediate Russian I; Grade Method: REG/P-F/AUD. Prerequisite: RUSS 102. Not open to native speakers of Russian. — 4 credits
0101 MWF.....9:00am- 9:50am (EDU 1203) — STAFF
TuTh.....9:30am-10:45am (EDU 1203)
0201 MWF.....10:00am-10:50am (EDU 1203) — STAFF
TuTh.....10:00am-10:50am (JMZ 3203)
0301 MTuWThF...11:00am-11:50am (JMZ 1104) — STAFF

RUSS281 Russian Language and Pre-Revolutionary Culture; Grade Method: REG/P-F/AUD. CORE Distributive Studies Humanities Course. USP Distributive Studies Area A Course. Not open to native speakers of Russian. — 3 credits
0101 MWF.....2:00pm- 2:50pm (JMZ 2206) — Berry, T

RUSS301 Advanced Russian Grammar and Composition I; Grade Method: REG/AUD. Prerequisite: RUSS 202 or equivalent. — 3 credits
0101 MWF.....10:00am-10:50am (COL 3114) — Lekic, M
0201 MWF.....11:00am-11:50am (COL 3114) — Lekic, M

RUSS303 Russian Conversation: Functional Skills; Grade Method: REG/P-F/AUD. Prerequisite: RUSS 202 or equivalent. — 3 credits
0101 MWF.....9:00am- 9:50am (JMZ 3207) — STAFF

RUSS321 Survey of Russian Literature I; Grade Method: REG/P-F/AUD. Prerequisite: RUSS 202 or equivalent. Course will be taught in Russian. — 3 credits
0101 MWF.....12:00pm-12:50pm (JMZ 3207) — STAFF

RUSS328A 19th Century Russian Literature in Translation: From Pushkin to Dostoevsky; Grade Method: REG/P-F/AUD. USP Distributive Studies Area C Course. — 3 credits
0201 TuTh.....9:30am-10:45am (JMZ 2206) — Glad, J

RUSS382 Russian Civilization (in Russian) II; Grade Method: REG/P-F/AUD. Prerequisite: RUSS 202. — 3 credits
0101 MWF.....2:00pm- 2:50pm (JMZ 3203) — Hitchcock, D

RUSS401 Advanced Russian Composition; Grade Method: REG/P-F/AUD. Prerequisite: RUSS 302. — 3 credits
0101 MWF.....11:00am-11:50am (JMZ 3207) — Hitchcock, D

RUSS403 Russian Conversation: Advanced Skills; Grade Method: REG/P-F/AUD. Prerequisite: RUSS 303 or equivalent. — 3 credits
0101 TuTh.....11:00am-12:15pm (JMZ 3203) — Glad, J

RUSS411 Linguistic Analysis of Russian I; Grade Method: REG/P-F/AUD. Prerequisites: RUSS 210; and LING 200. Pre- or corequisite: RUSS 301. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (JMZ 3207) — Schallert, W

RUSS431 Russian Literature of the 19th Century I; Grade Method: REG/P-F/AUD. — 3 credits
0101 MWF.....10:00am-10:50am (JMZ 3207) — STAFF

RUSS610 Proseminar in Russian Linguistic Analysis; Grade Method: REG/AUD. Prerequisite: RUSS 412 or permission of department. — 3 credits
0101 Time and room to be arranged — Brecht, R

RUSS612 Problems in Russian Syntax; Grade Method: REG/AUD. Prerequisite: RUSS 412 or permission of department. — 3 credits
0101 Time and room to be arranged — STAFF

RUSS798 Independent Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

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SLAV Slavic — (Arts and Humanities)

SLAV499 Directed Study; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

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SOCY Sociology — (Behavior & Social Sci)

SOCY100 Introduction to Sociology; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D Course. Prerequisite for other sociology courses. Sections 0301 and 0701 are taught through film and literature. — 3 credits
0101 MWF.....9:00am- 9:50am (ARC 1105) — Voyadzis, C
0201 TuTh.....11:00am-12:15pm (ARC 0204) — Lengermann, J
0301 MWF.....10:00am-10:50am (ARC 1105) — Durand, D
0401 TuTh.....9:30am-10:45am (ASY 3203) — Rankin, B
0501 MWF.....11:00am-11:50am (ASY 1213) — Kammeyer, K
0601 MWF.....10:00am-10:50am (ASY 1219) — LeMoyne, T
0701 TuTh.....2:00pm- 3:15pm (ASY 3203) — Gindoff, P
0801 TuTh.....12:30pm- 1:45pm (ARC 0204) — Hirzel, R

SOCY105 Introduction to Contemporary Social Problems; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. USP Distributive Studies Area D Course. — 3 credits
0101 MWF.....11:00am-11:50am (COL 3110) — Hunt, J
0201 MWF.....12:00pm-12:50pm (ASY 3203) — Zamani-Moghadam
0301 TuTh.....3:30pm- 4:45pm (ASY 3203) — Finsterbusch, K
0401 MWF.....1:00pm- 1:50pm (ASY 3207) — Formichella, C
0501 MWF.....10:00am-10:50am (EDU 4233) — Formichella, C

SOCY201 Introductory Statistics for Sociology; Grade Method: REG/P-F/AUD. USP Distributive Studies Area B Course. Prerequisite: SOCY 100 or SOCY 105 and MATH 110 or equivalent. Required for majors. — 4 credits
0101 TuTh.....11:00am-12:15pm (ASY 2309) — Neustadtl, A
M.....8:00am-10:00am (ASY 3217) LAB
0102 TuTh.....11:00am-12:15pm (ASY 2309) — Neustadtl, A
M.....10:00am-12:00pm (ASY 3217) LAB
0103 TuTh.....11:00am-12:15pm (ASY 2309) — Neustadtl, A
M.....12:00pm- 2:00pm (ASY 3217) LAB
0104 TuTh.....11:00am-12:15pm (ASY 2309) — Neustadtl, A
M.....2:00pm- 4:00pm (ASY 3217) LAB
0105 TuTh.....11:00am-12:15pm (ASY 2309) — Neustadtl, A
M.....4:00pm- 6:00pm (ASY 3217) LAB
0201 TuTh.....2:00pm- 3:15pm (ASY 1219) — Segal, M
M.....8:00am-10:00am (ASY 3221) LAB
0202 TuTh.....2:00pm- 3:15pm (ASY 1213) — Segal, M
M.....10:00am-12:00pm (ASY 3221) LAB
0203 TuTh.....2:00pm- 3:15pm (ASY 1213) — Segal, M
M.....12:00pm- 2:00pm (ASY 3221) LAB
0204 TuTh.....2:00pm- 3:15pm (ASY 1213) — Segal, M
M.....2:00pm- 4:00pm (ASY 3221) LAB
0205 TuTh.....2:00pm- 3:15pm (ASY 1213) — Segal, M
M.....4:00pm- 6:00pm (ASY 3221) LAB

SOCY202 Introduction to Research Methods in Sociology; Grade Method: REG/P-F/AUD. Prerequisite: SOCY 201. To be taken immediately after SOCY 201. Required for majors. — 4 credits
0101 MWF.....9:00am- 9:50am (ASY 3203) — Harper, G
F.....10:00am-12:00pm (ASY 3217) LAB
0102 MWF.....9:00am- 9:50am (ASY 3203) — Harper, G
Th.....4:00pm- 6:00pm (ASY 3217) LAB
0103 MWF.....9:00am- 9:50am (ASY 3203) — Harper, G
F.....2:00pm- 4:00pm (ASY 3217) LAB
0201 TuTh.....9:30am-10:45am (ASY 3207) — Henkel, R
Th.....11:00am- 1:00pm (ASY 3217) LAB
0202 TuTh.....9:30am-10:45am (ASY 3207) — Henkel, R
Th.....2:00pm- 4:00pm (ASY 3217) LAB
0203 TuTh.....9:30am-10:45am (ASY 3207) — Henkel, R
Th.....4:00pm- 6:00pm (ASY 3221) LAB

SOCY203 Sociological Theory; Grade Method: REG/P-F/AUD. Prerequisite: SOCY 100 or SOCY 105. Required for sociology majors. — 3 credits
0101 MW.....3:00pm- 4:15pm (ASY 1213) — Ritzer, G
0201 MWF.....9:00am- 9:50am (ASY 3207) — Falk, W

SOCY230 Sociological Social Psychology; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D Course. Relationship of groups to individual behavior; interpersonal processes. — 3 credits
0101 TuTh.....11:00am-12:15pm (ASY 3207) — STAFF
0201 MWF.....2:00pm- 2:50pm (ASY 3207) — STAFF

SOCY300 American Society; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D Course. — 3 credits
0101 MWF.....11:00am-11:50am (ASY 3203) — Vanneman, R

SOCY312 Family Demography; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....9:30am-10:45am (ARC 1103) — Kahn, J

SOCY325 Sex Roles; Grade Method: REG/AUD. USP Advanced Studies Analysis of Human Problems Course. Prerequisite: SOCY 100 or 105. — 3 credits
0101 MWF.....9:00am- 9:50am (ASY 1213) — Hunt, J
0201 TuTh.....2:00pm- 3:15pm (ASY 3207) — McIntyre, J

SOCY327 Introduction to the Study of Deviance; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D Course. Prerequisite: SOCY 100 or SOCY 105. Not open to students who have completed SOCY 427. — 3 credits
0101 MWF.....10:00am-10:50am (ASY 3203) — Baxter, S
0201 MWF.....12:00pm-12:50pm (ARC 1101) — Baxter, S

SOCY333 Technology and Society; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. — 3 credits
0101 MW.....3:00pm- 3:50pm (ASY 3203) — Hage, J
M.....4:00pm- 4:50pm (ASY 3207) DIS
0102 MW.....3:00pm- 3:50pm (ASY 3203) — Hage, J
M.....5:00pm- 5:50pm (ASY 3207) DIS
0103 MW.....3:00pm- 3:50pm (ASY 3203) — Hage, J
W.....2:00pm- 2:50pm (ASY 3221) DIS

SOCY343 Sociology of Marriage and Family; Grade Method: REG/P-F/AUD. Prerequisite: SOCY 100 or SOCY 105. No credit given if SOCY 498, Contemporary Marriage and Family, has been taken. — 3 credits
0101 TuTh.....11:00am-12:15pm (ARC 1103) — Bakhshai, F
0201 TuTh.....12:30pm- 1:45pm (ASY 3203) — Kahn, J

SOCY386 (PermReq) Field Work; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. To register, students must have departmental permission form signed by instructor and by Coordinator of Sociology Undergrad Program. Corequisite: SOCY 387. — 1-3 credits

SOCY387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. To register, student must have departmental permission form signed by instructor and by Coordinator of Sociology Undergrad Program. Corequisite: SOCY 386. — 1-3 credits

SOCY398C Special Topics in Sociology: Introduction to Computer for Social Science Majors; Grade Method: REG/AUD. — 1 credit
0101 W.....3:00pm- 4:30pm (ASY 1116) — Wagner, M
0201 Tu.....3:30pm- 4:30pm (ASY 1116) — Teachman, J

SOCY399 (PermReq) Independent Study in Sociology; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. No more than 6 hours of 399 is allowed for credit. — 1-6 credits

SOCY401 Intermediate Statistics for Sociologists; Grade Method: REG/P-F/AUD. Prerequisite: SOCY 201 or equivalent, and six additional credits in sociology. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (ASY 3221) — Henkel, R

SOCY403 Intermediate Sociological Theory; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. Prerequisite: SOCY 203. — 3 credits
0101 MWF.....11:00am-11:50am (EDU 2119) — STAFF

SOCY410 Population I; Grade Method: REG/P-F/AUD. Prerequisite: junior standing; SOCY 100 or SOCY 105 not required. — 3 credits
0101 MWF.....1:00pm- 1:50pm (ASY 3203) — Kammeyer, K

SOCY424 Sociology of Race Relations; Grade Method: REG/P-F/AUD. Prerequisite: 9 credits in sociology or permission of department. — 3 credits
0101 Tu.....5:00pm- 7:30pm (ASY 1213) — Cornelius, L

SOCY426 Sociology of Religion; Grade Method: REG/P-F/AUD. Prerequisite: SOCY 100 or SOCY 105. — 3 credits
0101 MWF.....1:00pm- 1:50pm (ARC 1105) — Meeker, B

SOCY427 Deviant Behavior; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. Prerequisite: SOCY 327 or 12 credits in sociology or permission of department. — 3 credits
0101 TuTh.....11:00am-12:15pm (ASY 2203) — McIntyre, J

SOCY430 Sociology of Personality; Grade Method: REG/P-F/AUD. Prerequisite: SOCY 100 or SOCY 105. — 3 credits
0101 TuTh.....3:30pm- 4:45pm (ASY 3207) — Dager, E

SOCY432 Collective Behavior; Grade Method: REG/P-F/AUD. Prerequisite: SOCY 100 or SOCY 105 or SOCY 230 or permission of department. — 3 credits
0101 MWF.....2:00pm- 2:50pm (ASY 3203) — Vanneman, R

SOCY441 Social Stratification and Inequality; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. Prerequisite: 8 credits of sociology or permission of department. 56 semester hours. Junior standing. Credit will be granted for only one of the following: SOCY 241 or SOCY 441. — 3 credits
0101 W.....3:30pm- 6:00pm (ASY 3207) — STAFF
0201 MWF.....11:00am-11:50am (ASY 3207) — Landry, L

SOCY443 The Family and Society; Grade Method: REG/P-F/AUD. Prerequisite: SOCY 343 or permission of department. — 3 credits
0101 MWF.....12:00pm-12:50pm (ASY 3207) — Harper, G
0201 MWF.....11:00am-11:50am (ASY 2309) — Clignet, R

SOCY445 Sociology of the Arts; Grade Method: REG/P-F/AUD. Prerequisite: SOCY 100 or SOCY 105. — 3 credits
0101 MWF.....9:00am- 9:50am (ARC 1101) — Clignet, R

SOCY464 Military Sociology; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. Prerequisite: SOCY 100 or SOCY 105. — 3 credits
0101 MWF.....10:00am-10:50am (ASY 3207) — Segal, D

SOCY474 Soviet Ethnic Issues; Grade Method: REG/P-F/AUD. — 3 credits
0101 W.....3:00pm- 6:00pm (ASY 3221) — Robinson, J

SOCY498K Selected Topics in Sociology: The Sociology of Knowledge; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. — 3 credits
0101 MWF.....9:00am- 9:50am (ASY 3211) — STAFF

SOCY498M Selected Topics in Sociology: Middle Class Experience in American Society; Grade Method: REG/P-F/AUD. — 3 credits
0101 MWF.....1:00pm- 1:50pm (ARC 1123) — Landry, L

SOCY498W Selected Topics in Sociology: Women in the Military; Grade Method: REG/P-F/AUD. — 3 credits
0101 Tu.....9:30am-12:10pm (ASY 1117) — Segal, M

SOCY601 Multivariate Statistics; Grade Method: REG/AUD. Prerequisite: SOCY 401 or equivalent. — 3 credits
0101 Tu.....6:30pm- 9:00pm (ARC 1121) — Neustadtl, A

SOCY604 Survey Research Methods; Grade Method: REG/AUD. Prerequisite: SOCY 602 or equivalent or permission of department. — 3 credits
0101 Tu.....3:30pm- 6:10pm (ASY 1117) — Presser, S

SOCY605 Methods of Program Evaluation; Grade Method: REG/AUD. Prerequisite: SOCY 202 or equivalent or permission of instructor. — 3 credits
0101 W.....12:30pm- 3:10pm (ASY 1117) — Segal, D

SOCY620 Development of European and American Sociological Theory; Grade Method: REG/AUD. Prerequisite: SOCY 203 or permission of instructor. — 3 credits

0101 M.....6:30pm- 9:10pm (ASY 1117) Ritzer, G

SOCY622 The Sociology of Knowledge; Grade Method: REG/AUD. — 3 credits
0101 Th.....6:30pm- 9:10pm (ASY 4111) Brown, R

SOCY630 Population and Society; Grade Method: REG/AUD. — 3 credits
0101 M.....3:30pm- 6:10pm (ASY 4111) Presser, H

SOCY642 The Sociology of Mental Health; Grade Method: REG/AUD. — 3 credits
0101 Th.....3:30pm- 6:00pm (ASY 1117) Rosenberg, M

SOCY680 Theories of Social Psychology; Grade Method: REG/AUD. Prerequisite: undergraduate training in sociological research methods, statistics, and theory or equivalent. — 3 credits
0101 W.....12:30pm- 3:10pm (ASY 4111) Hamilton, L

SOCY699 Special Social Problems; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

SOCY699C Special Social Problems: Introduction to Computer for Social Science Majors; Grade Method: REG/AUD. — 1 credit
0101 W.....3:00pm- 4:30pm (ASY 1116) Wagner, M
0201 Tu.....3:30pm- 4:30pm (ASY 1116) Teachman, J

SOCY699D Special Social Problems: Sociology of Third World Development; Grade Method: REG/AUD. — 3 credits
0101 Tu.....6:30pm- 9:40pm (ASY 4111) Finsterbusch, K

SOCY699F Special Social Problems: Family Demography; Grade Method: REG/AUD. — 3 credits
0101 Tu.....6:30pm- 9:10pm (ASY 1117) Teachman, J

SOCY699G Special Social Problems: Great Books in Political Economy; Grade Method: REG/AUD. — 3 credits
0101 M.....3:30pm- 6:10pm (ASY 1117) Falk, W

SOCY699N Special Social Problems: New Theories of the State; Grade Method: REG/AUD. — 3 credits
0101 W.....6:30pm- 9:10pm (ASY 1117) Hage, J

SOCY700 Theory Construction; Grade Method: REG/AUD. Prerequisite: one graduate course each in statistics, sociological theory, and sociological research methods. — 3 credits
0101 W.....3:30pm- 6:10pm (ASY 1117) Meeker, B

SOCY702 Intermediate Procedures For Data Collection; Grade Method: REG/AUD. Prerequisite: SOCY 202 or equivalent or permission of instructor. — 3 credits
0101 Tu.....3:30pm- 6:10pm (ASY 4111) Robinson, J

SOCY769 Advanced Special Topics in Military Sociology: Women in the Military; Grade Method: REG/AUD. — 3 credits
0101 Tu.....9:30am-12:10pm (ASY 1117) Segal, M

SOCY799 (PermReq) Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

SOCY819 Research Seminar in Social Psychology; Grade Method: REG/AUD. — 1 credit
0101 Time and room to be arranged Rosenberg, M

SOCY829 Research Seminar in Sociological Theory; Grade Method: REG/AUD. — 1 credit
0101 Time and room to be arranged Ritzer, G

SOCY839 Research Seminar in Organizations and Occupations; Grade Method: REG/AUD. — 1 credit
0101 Time and room to be arranged Hage, J

SOCY849 Research Seminar in Demography; Grade Method: REG/AUD. — 1 credit
0101 Time and room to be arranged Presser, H

SOCY858 Research Seminar in Sex Roles; Grade Method: REG/AUD. — 1 credit
0101 Time and room to be arranged Hunt, J

SOCY859 Research Seminar in Sociology of the Family; Grade Method: REG/AUD. — 1 credit
0101 Time and room to be arranged Kammeyer, K

SOCY869 Research Seminar in Military Sociology; Grade Method: REG/AUD. — 1 credit
0101 Time and room to be arranged Segal, M

SOCY889 Research Seminar in Social Stratification; Grade Method: REG/AUD. — 1 credit
0101 Time and room to be arranged Landry, L

SOCY899 (PermReq) Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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SPAN Spanish (Arts and Humanities)

Electronic laboratory for SPAN 101, SPAN 102, SPAN 103, SPAN 203 will be scheduled after classes start.

SPAN101 Elementary Spanish; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Recommended for students without previous experience or who have completed Level 1 with a grade of A or B or Level 2 with a grade of C or below in high school. Exceptions will be granted for students with 5 years lapse in study. Students must present high school transcript on the first day of class to assure proper placement. For advising assistance, come to JMZ 2202. — 4 credits
0101 MTuWF.....8:00am- 8:50am (JMZ 2207) STAFF
0201 MTuWF.....9:00am- 9:50am (JMZ 2207) STAFF
0301 MTuWF.....10:00am-10:50am (JMZ 2207) STAFF
0401 MTuWF.....10:00am-10:50am (JMZ 1117) STAFF
0501 MTuWF.....11:00am-11:50am (JMZ 2207) STAFF
0601 MTuWF.....12:00pm-12:50pm (JMZ 2207) STAFF
0701 MTuWF.....1:00pm- 1:50pm (JMZ 2207) STAFF
0801 MTuWF.....2:00pm- 2:50pm (JMZ 2207) STAFF
0901 MTuWF.....3:00pm- 3:50pm (JMZ 1226) STAFF
1001 MW.....7:00pm- 9:00pm (JMZ 1226) STAFF
1101 MWF.....11:00am-11:50am (ASY 3219) STAFF
Tu.....11:00am-11:50am (JMZ 1117)

SPAN102 Elementary Spanish; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Recommended for students who have completed Level 2 with a grade of A or B in high school or SPAN 101 at UMCP, or the first semester of college Spanish at another institution. Students must present college and/or high school transcripts on the first day of class to assure proper placement. Exceptions must be approved in advance by the departmental advisor, in JMZ 2202. — 4 credits
0101 MWThF.....9:00am- 9:50am (JMZ 1224) STAFF
0201 MWF.....10:00am-10:50am (JMZ 1226) STAFF
Th.....10:00am-10:50am (JMZ 2207)
0301 MWThF.....11:00am-11:50am (JMZ 1224) STAFF
0401 MWThF.....12:00pm-12:50pm (JMZ 1224) STAFF
0501 MWThF.....1:00pm- 1:50pm (JMZ 1224) STAFF
0601 MWF.....2:00pm- 2:50pm (JMZ 1224) STAFF
Th.....2:00pm- 2:50pm (JMZ 1226)
0701 MW.....7:00pm- 9:00pm (JMZ 1117) STAFF

SPAN102H Elementary Spanish; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Recommended for students who meet the requirements for SPAN 102 with grades of A or B who are eligible for a general or departmental honors program. — 4 credits
0101 MWThF.....10:00am-10:50am (EDU 3236) STAFF

SPAN103 Review of Elementary Spanish; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Recommended for students who have completed Level 2 with a grade of A or B, or Level 3 with a grade of C or below in high school, or the first semester of college Spanish at another institution. Limited exceptions may be granted for students with weak preparations or several years lapse since study in high school. Students must present high school and/or college transcripts on the first day of class to assure proper placement. Exceptions must be approved in advance by the departmental advisor, in JMZ 2202. — 4 credits
0101 MWF.....8:00am- 8:50am (JMZ 1226) STAFF
Tu.....8:00am- 8:50am (JMZ 0208)
0201 MWF.....9:00am- 9:50am (JMZ 1103) STAFF
Tu.....9:00am- 9:50am (JMZ 0208)
0301 MWF.....10:00am-10:50am (JMZ 1103) STAFF
Tu.....10:00am-10:50am (JMZ 2120)
0401 MWF.....11:00am-11:50am (JMZ 1103) STAFF
Tu.....11:00am-11:50am (JMZ 0208)
0501 MWF.....12:00pm-12:50pm (JMZ 1103) STAFF
Tu.....12:00pm-12:50pm (JMZ 0208)
0601 MWF.....1:00pm- 1:50pm (JMZ 1103) STAFF
Tu.....1:00pm- 1:50pm (JMZ 1117)
0701 MTuWF.....2:00pm- 2:50pm (JMZ 1226) STAFF

SPAN203 Intermediate Spanish; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Recommended for students who have completed Level 3 with a grade of A or B, or Level 4 with a grade of C or below in high school, or the first and second semester of college Spanish. Students must present their high school and/or college transcripts on the first day of class in order to assure proper placement. Exceptions must be approved in advance by the departmental advisor, in JMZ 2202. — 4 credits
0101 MWThF.....8:00am- 8:50am (JMZ 0208) STAFF
0201 MWThF.....9:00am- 9:50am (JMZ 0208) STAFF
0301 MWF.....9:00am- 9:50am (JMZ 1120) STAFF
Th.....9:00am- 9:50am (JMZ 2207)
0401 MWThF.....10:00am-10:50am (JMZ 0208) STAFF
0501 MWF.....10:00am-10:50am (ASY 3215) STAFF
Th.....10:00am-10:50am (EDU 0202)
0601 MWThF.....11:00am-11:50am (JMZ 0208) STAFF
0701 MWF.....11:00am-11:50am (JMZ 1226) STAFF
Th.....11:00am-11:50am (JMZ 1117)
0801 MWThF.....12:00pm-12:50pm (JMZ 0208) STAFF
0901 MWThF.....1:00pm- 1:50pm (JMZ 0208) STAFF
1001 MWF.....1:00pm- 1:50pm (JMZ 1215) STAFF
Th.....1:00pm- 1:50pm (JMZ 0122)
1101 MWF.....2:00pm- 2:50pm (JMZ 0118) STAFF
Th.....2:00pm- 2:50pm (JMZ 0118)
1201 MWF.....3:00pm- 3:50pm (JMZ 1224) STAFF
Th.....3:00pm- 3:50pm (JMZ 1103)
1401 MW.....7:00pm- 9:00pm (JMZ 2120) STAFF

SPAN203H Intermediate Spanish; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Course chair: staff. Recommended for students who meet the requirements for SPAN 203 with grades of A or B or who are eligible for a general or departmental honors program. See description of SPAN 203. Exceptions must be approved in advance by the departmental advisor, JMZ 2202. — 4 credits
0101 MWThF.....12:00pm-12:50pm (JMZ 1123) STAFF

SPAN204 Review of Oral and Written Spanish; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisite: SPAN 203. May be taken concurrently with SPAN 221 or SPAN 205. Recommended for students who have completed SPAN 203 at UMCP or third semester college Spanish at another institution, or Level 4 or higher with a grade of A or B in high school. Students must present their high school and/or college transcripts on the first day of class in order to assure proper placement. May be taken with SPAN 205 and/or SPAN 221. Section 0501 is limited to NATIVE Spanish speakers only. — 3 credits
0101 MWF.....9:00am- 9:50am (JMZ 1226) STAFF
0201 MWF.....10:00am-10:50am (JMZ 1224) Little, K
0301 MWF.....11:00am-11:50am (JMZ 1215) Little, K
0401 MWF.....12:00pm-12:50pm (JMZ 1117) STAFF
0501 MWF.....1:00pm- 1:50pm (JMZ 1117) STAFF
0601 MWF.....10:00am-10:50am (JMZ 1211) STAFF

SPAN205 Intermediate Conversation; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisite: SPAN 203 or SPAN 203H or permission of department. Not open to native speakers. May be taken concurrently with SPAN 204 and 221. — 3 credits
0101 MWF.....9:00am- 9:50am (JMZ 1215) STAFF
0201 MWF.....10:00am-10:50am (JMZ 1109) STAFF
0301 MWF.....12:00pm-12:50pm (JMZ 1104) STAFF
0401 MWF.....11:00am-11:50am (EDU 0210) STAFF

SPAN221 Readings in Spanish; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. Prerequisite: SPAN 204. May be taken with SPAN 204 and/or 205. — 3 credits
0101 TuTh.....9:30am-10:45am (JMZ 1120) STAFF
0201 TuTh.....11:00am-12:15pm (JMZ 1120) STAFF

SPAN301 Review Grammar and Composition; Grade Method: REG/P-F/AUD. Prerequisite: SPAN 204 or equivalent. — 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 2125) Lavine, R
0201 MWF.....2:00pm- 2:50pm (JMZ 0208) Downey-Vanover,
0301 MWF.....1:00pm- 1:50pm (JMZ 2117) STAFF

SPAN302 Review Grammar and Composition; Grade Method: REG/P-F/AUD. Prerequisite: SPAN 301 or equivalent. — 3 credits
0101 TuTh.....9:30am-10:45am (JMZ 1104) STAFF
0201 TuTh.....11:00am-12:15pm (JMZ 1103) STAFF

SPAN311 Advanced Conversation I; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisite: SPAN 204 or SPAN 205 or permission of department. Not open to native speakers. Course chair: staff. — 3 credits
0101 MWF.....10:00am-10:50am (JMZ 2102) STAFF
0201 MWF.....11:00am-11:50am (JMZ 1120) STAFF
0301 MWF.....12:00pm-12:50pm (JMZ 2102) STAFF
0401 MWF.....9:00am- 9:50am (JMZ 0202) STAFF

SPAN312 Advanced Conversation II; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. Prerequisite: SPAN 205 or SPAN 311 or permission of department. Not open to native speakers. — 3 credits
0101 TuTh.....12:30pm- 1:45pm (JMZ 1120) STAFF
0201 TuTh.....9:30am-10:45am (JMZ 1122) STAFF

SPAN316 Practicum in Translation I; Grade Method: REG/P-F/AUD. Prerequisite: SPAN 301 or permission of department. Prerequisite: SPAN 302. — 3 credits
0101 MWF.....11:00am-11:50am (JMZ 1117) Russell-Pineda,

SPAN318 Translation of Technical Texts: Journalistic Text; Grade Method: REG/P-F/AUD. — 3 credits
0101 MWF.....12:00pm-12:50pm (JMZ 1125) Russell-Pineda,

SPAN321 Survey of Spanish Literature: 12th-17th Century; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. — 3 credits
0101 MWF.....10:00am-10:50am (JMZ 1120) Benito-Vessels,

SPAN323 Survey of Spanish-American Literature I; Grade Method: REG/P-F/AUD. CORE Distributive Studies Literature Course. USP Distributive Studies Area C Course. — 3 credits
0101 MWF.....12:00pm-12:50pm (JMZ 1215) Sanjines, J
0201 TuTh.....11:00am-12:15pm (JMZ 1215) STAFF

SPAN325 Spanish Civilization I; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (JMZ 1117) Navarro-Caldero

SPAN346 Latin American Civilization I; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. — 3 credits
0101 MWF.....1:00pm- 1:50pm (JMZ 2206) Aguilar-Mora, J

SPAN356 Practicum in Translation III; Grade Method: REG/P-F/AUD. Prerequisites: SPAN 316 and SPAN 317 or permission of department. — 3 credits
0101 MWF.....10:00am-10:50am (JMZ 0202) Russell-Pineda,

SPAN386 (PermReq) Field Work; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

SPAN387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

SPAN399 (PermReq) Independent Study in Spanish; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Previous permission by the instructor is required for enrollment in this course. — 1-3 credits

SPAN401 Advanced Composition; Grade Method: REG/P-F/AUD. — 3 credits
0101 MWF.....11:00am-11:50am (JMZ 1123) STAFF

SPAN408 Great Themes of the Hispanic Literatures: Machismo; Grade Method: REG/P-F/AUD. Designed for advanced undergraduates and first year master's students. — 3 credits
0101 TuTh.....9:30am-10:45am (JMZ 1215) Nemes, G

SPAN408A Great Themes of the Hispanic Literatures: Caribbean Topics; Grade Method: REG/P-F/AUD. — 3 credits
0101 MWF.....11:00am-11:50am (EDU 1203) STAFF

SPAN409 Great Themes of the Hispanic Literatures: La Celestina; Grade Method: REG/P-F/AUD. — 3 credits
0101 MWF.....11:00am-11:50am (JMZ 1211) Benito-Vessels,

SPAN409A Great Themes of the Hispanic Literatures: Piety and Eroticism in mester de clerecia; Grade Method: REG/P-F/AUD. — 3 credits
0101 MWF.....12:00pm-12:50pm (JMZ 1211) Benito-Vessels,

SPAN480 Spanish-American Essay; Grade Method: REG/P-F/AUD. — 3 credits
0101 MWF.....2:00pm- 2:50pm (JMZ 1117) Aguilar-Mora, J

SPAN488 Spanish-American Fiction: Short Stort; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....11:00am-12:15pm (JMZ 1226) Cortes, D

SPAN496H Honors Seminar; Grade Method: REG/P-F/AUD. Prerequisite: Open to honors students only; permission of department. Required of all students in the honors program. Other students will be admitted on special recommendation. This course will be conducted in English — 3 credits
0101 Th.....4:00pm- 6:30pm (JMZ 1120) Sanjines, J

SPAN629 Seminar: the Golden Age in Spanish Literature: Golden Age Quijote I; Grade Method: REG/AUD. — 3 credits
0101 Tu.....4:30pm- 7:00pm (JMZ 1226) Zappala, M

SPAN699 (PermReq) Independent Study in Spanish; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

SPAN728 The Twentieth Century: La novela espanola; Grade Method: REG/AUD. — 3 credits
0101 Th.....4:30pm- 7:00pm (JMZ 1226) Naharro-Caldero

SPAN798 Open Seminar: Workshop in Essay and Research Writing; Grade Method: REG/AUD. Mandatory to incoming graduate students. — 3 credits
0101 F.....4:30pm- 7:00pm (JMZ 1215) Pacheco, J

SPAN799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

SPAN818 National Spanish-American Literature: Vision de lo grotesco; Grade Method: REG/AUD. — 3 credits
0101 F.....2:00pm- 4:30pm (JMZ 1120) Sanjines, J

SPAN828 Hispanic Poetry of the Nineteenth and Twentieth Centuries: Hispanic Poetry; Grade Method: REG/AUD. — 3 credits
0101 M.....4:30pm- 7:00pm (JMZ 1226) Pacheco, J

SPAN898 Open Seminar: Caribbean Literature; Grade Method: REG/AUD. — 3 credits
0101 W.....4:30pm- 7:00pm (JMZ 1215) STAFF

SPAN899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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SPCH Speech (Arts and Humanities)

SPCH100 Basic Principles of Speech Communication; Grade Method: REG/P-F/AUD. Credit will be granted for only one of the following: SPCH 100 or SPCH 107. Lab sessions will meet the first week of class. Attendance on the first day of classes is mandatory. — 3 credits
0101 MW.....3:00pm- 3:50pm (ZOP 1240) STAFF
F.....12:00pm-12:50pm (COL 0102) LAB
0102 MW.....3:00pm- 3:50pm (ZOP 1240) STAFF
M.....10:00am-10:50am (COL 3110) LAB
0103 MW.....3:00pm- 3:50pm (ZOP 1240) STAFF
Tu.....1:00pm- 1:50pm (TWS 0131) LAB
0104 MW.....3:00pm- 3:50pm (ZOP 1240) STAFF
Th.....3:00pm- 3:50pm (JMZ 1226) LAB
0105 MW.....3:00pm- 3:50pm (ZOP 1240) STAFF
F.....11:00am-11:50am (TWS 0131) LAB
0106 MW.....3:00pm- 3:50pm (ZOP 1240) STAFF
M.....2:00pm- 2:50pm (TWS 0138) LAB
0107 MW.....3:00pm- 3:50pm (ZOP 1240) STAFF
F.....1:00pm- 1:50pm (TWS 0147) LAB
0108 MW.....3:00pm- 3:50pm (ZOP 1240) STAFF
F.....12:00pm-12:50pm (TWS 0131) LAB
0109 MW.....3:00pm- 3:50pm (ZOP 1240) STAFF
W.....1:00pm- 1:50pm (ARC 1125) LAB
0110 MW.....3:00pm- 3:50pm (ZOP 1240) STAFF
W.....9:00am- 9:50am (COL 0104) LAB
0112 MW.....3:00pm- 3:50pm (ZOP 1240) STAFF
Th.....2:00pm- 2:50pm (JMZ 1103) LAB
0113 MW.....3:00pm- 3:50pm (ZOP 1240) STAFF
Tu.....2:00pm- 2:50pm (TWS 2230) LAB
0114 MW.....3:00pm- 3:50pm (ZOP 1240) STAFF
Tu.....12:00pm-12:50pm (JMZ 0125) LAB
0115 MW.....3:00pm- 3:50pm (ZOP 1240) STAFF
Th.....1:00pm- 1:50pm (TWS 0135) LAB
0116 MW.....3:00pm- 3:50pm (ZOP 1240) STAFF
M.....1:00pm- 1:50pm (TWS 1204) LAB
0117 MW.....3:00pm- 3:50pm (ZOP 1240) STAFF
Tu.....9:00am- 9:50am (COL 0100) LAB
0201 MW.....4:00pm- 4:50pm (ZOP 1240) STAFF
F.....12:00pm-12:50pm (COL 0104) LAB
0202 MW.....4:00pm- 4:50pm (ZOP 1240) STAFF
W.....10:00am-10:50am (ARC 1123) LAB
0203 MW.....4:00pm- 4:50pm (ZOP 1240) STAFF
M.....9:00am- 9:50am (COL 0104) LAB
0204 MW.....4:00pm- 4:50pm (ZOP 1240) STAFF
F.....12:00pm-12:50pm (TWS 0135) LAB
0205 MW.....4:00pm- 4:50pm (ZOP 1240) STAFF
Th.....9:00am- 9:50am (COL 3112) LAB
0206 MW.....4:00pm- 4:50pm (ZOP 1240) STAFF
Th.....12:00pm-12:50pm (JMZ 2207) LAB
0207 MW.....4:00pm- 4:50pm (ZOP 1240) STAFF
F.....1:00pm- 1:50pm (COL 3112) LAB
0208 MW.....4:00pm- 4:50pm (ZOP 1240) STAFF
F.....2:00pm- 2:50pm (COL 0102) LAB
0209 MW.....4:00pm- 4:50pm (ZOP 1240) STAFF
Tu.....1:00pm- 1:50pm (JMZ 0125) DIS
0210 MW.....4:00pm- 4:50pm (ZOP 1240) STAFF
Tu.....2:00pm- 2:50pm (JMZ 1103) LAB
0211 MW.....4:00pm- 4:50pm (ZOP 1240) STAFF
Th.....2:00pm- 2:50pm (TWS 2230) LAB
0212 MW.....4:00pm- 4:50pm (ZOP 1240) STAFF
W.....12:00pm-12:50pm (ZOP 1232) LAB
0213 MW.....4:00pm- 4:50pm (ZOP 1240) STAFF
Th.....11:00am-11:50am (COL 3111) LAB
0214 MW.....4:00pm- 4:50pm (ZOP 1240) STAFF
F.....3:00pm- 3:50pm (COL 0100) LAB

SPCH107 Technical Speech Communication; Grade Method: REG/P-F/AUD. Credit will be granted for only one of the following: SPCH 100 or SPCH 107. Course chairperson: Wolvin. Attendance on the first day of classes is mandatory. — 3 credits
0101 MWF.....8:00am- 8:50am (TWS 1202) STAFF
0201 MWF.....8:00am- 8:50am (TWS 2212) STAFF
0301 MWF.....9:00am- 9:50am (TWS 1202) STAFF
0401 MWF.....9:00am- 9:50am (TWS 2228) STAFF
0501 MWF.....9:00am- 9:50am (TWS 0135) STAFF
0601 MWF.....10:00am-10:50am (TWS 1204) STAFF
0701 MWF.....10:00am-10:50am (TWS 1202) STAFF
0801 MWF.....10:00am-10:50am (TWS 0135) STAFF
0901 MWF.....10:00am-10:50am (ASY 3219) STAFF
1001 MWF.....11:00am-11:50am (TWS 1204) STAFF
1101 MWF.....11:00am-11:50am (TWS 1202) STAFF
1201 MWF.....11:00am-11:50am (TWS 2212) STAFF
1301 MWF.....11:00am-11:50am (ARC 1125) STAFF
1401 MWF.....12:00pm-12:50pm (TWS 1204) STAFF
1501 MWF.....12:00pm-12:50pm (TWS 1202) STAFF
1601 MWF.....12:00pm-12:50pm (TWS 2212) STAFF
1901 MWF.....1:00pm- 1:50pm (TWS 1202) STAFF
2001 MWF.....1:00pm- 1:50pm (TWS 2212) STAFF
2101 MWF.....1:00pm- 1:50pm (TWS 2228) STAFF
2201 MWF.....2:00pm- 2:50pm (COL 3110) STAFF
2301 MWF.....2:00pm- 2:50pm (TWS 2228) STAFF
2401 MWF.....3:00pm- 3:50pm (TWS 2230) STAFF
2501 TuTh.....8:00am- 9:15am (TWS 1204) STAFF
2601 TuTh.....9:30am-10:45am (TWS 0138) STAFF
2701 TuTh.....9:30am-10:45am (TWS 1202) STAFF
2801 TuTh.....11:00am-12:15pm (TWS 2212) STAFF
2901 TuTh.....11:00am-12:15pm (ARC 1125) STAFF
3001 TuTh.....11:00am-12:15pm (TWS 2230) STAFF
3101 TuTh.....12:30pm- 1:45pm (TWS 2230) STAFF
3201 TuTh.....12:30pm- 1:45pm (TWS 1202) STAFF
3301 TuTh.....12:30pm- 1:45pm (TWS 2212) STAFF
3401 TuTh.....2:00pm- 3:15pm (TWS 1204) STAFF

SPCH107L (PermReq) Technical Speech Communication; Grade Method: REG/P-F/AUD. Credit will be granted for only one of the following: SPCH 100 or SPCH 107. Enrollment by permission of Dean, Arts and Humanities, only. Attendance on the first day of classes is mandatory. — 3 credits
0101 M.....2:00pm- 4:45pm (JMZ 1104) STAFF
0201 M.....5:30pm- 8:15pm (JMZ 1104) STAFF

SPCH125 Introduction to Interpersonal Communication; Grade Method: REG/P-F/AUD. Course chairperson: Edgar. Attendance on the first day of classes is mandatory. — 3 credits
0101 MWF.....9:00am- 9:50am (TWS 2230) STAFF
0201 MWF.....10:00am-10:50am (TWS 2230) STAFF
0301 MWF.....11:00am-11:50am (TWS 2230) STAFF
0401 MWF.....12:00pm-12:50pm (TWS 2230) STAFF
0501 MWF.....1:00pm- 1:50pm (TWS 2230) STAFF
0601 MWF.....2:00pm- 2:50pm (TWS 1204) STAFF
0701 TuTh.....8:30am-10:45am (TWS 1204) STAFF
0801 TuTh.....11:00am-12:15pm (TWS 1202) STAFF
0901 TuTh.....12:30pm- 1:45pm (TWS 2228) STAFF
1001 TuTh.....2:00pm- 3:15pm (TWS 1202) STAFF

SPCH200 Advanced Public Speaking; Grade Method: REG/P-F/AUD. Prerequisite: SPCH 100 or SPCH 107 or permission of department. Open to speech majors only. Attendance on the first day of classes is mandatory. — 3 credits
0101 MWF.....9:00am- 9:50am (TWS 2212) STAFF
0201 MWF.....10:00am-10:50am (TWS 2212) STAFF

SPCH220 Small Group Discussion; Grade Method: REG/P-F/AUD. Attendance on the first day of classes is mandatory. — 3 credits
0101 MWF.....8:00am- 8:50am (TWS 2228) STAFF
0201 MWF.....10:00am-10:50am (TWS 2228) STAFF

SPCH230 Argumentation and Debate; Grade Method: REG/P-F/AUD. Attendance on the first day of classes is mandatory. — 3 credits
0101 TuTh.....8:00am- 9:15am (TWS 2228) STAFF
0201 TuTh.....9:30am-10:45am (TWS 2228) STAFF
0301 TuTh.....2:00pm- 3:15pm (TWS 2228) STAFF
0401 TuTh.....3:30pm- 4:45pm (TWS 2228) STAFF

SPCH360 The Rhetoric of Black America; Grade Method: REG/P-F/AUD. Attendance on the first day of classes is mandatory. — 3 credits
0101 W.....7:00pm- 9:45pm (TWS 0138) Niles, L

SPCH400 Research Methods in Speech Communication; Grade Method: REG/P-F/AUD. Prerequisites: — 3 credits

SPCH 250 and an introductory course in statistics. Attendance on the first day of classes is mandatory.
0101 TuTh.....2:00pm- 3:15pm (COL 3109) Edgar, T

SPCH401 Foundations of Rhetoric; Grade Method: REG/P-F/AUD. Prerequisite: SPCH 250. Attendance on the first day of classes is mandatory. 3 credits
0101 MW.....12:00pm- 1:15pm (COL 3109) Solomon, M

SPCH402 Communication Theory and Process; Grade Method: REG/P-F/AUD. Recommended: SPCH 250. Attendance on the first day of classes is mandatory. 3 credits
0101 TuTh.....11:00am-12:15pm (HJP 2242) Fink, E

SPCH420 Theories of Group Communication; Grade Method: REG/P-F/AUD. Prerequisite: SPCH 400 or permission of department. Attendance on the first day of class is mandatory. 3 credits
0101 MW.....3:00pm- 4:15pm (TWS 2228) Goldsmith, D

SPCH424 (PermReq) Communication in Complex Organizations; Grade Method: REG/P-F/AUD. Prerequisite: SPCH 400 or permission of department. Attendance on the first day of classes is mandatory. 3 credits
0101 TuTh.....4:15pm- 5:30pm (TWS 0135) Falcione, R

SPCH435 Theories of Interpersonal Communication; Grade Method: REG/P-F/AUD. Prerequisite: SPCH 400 or permission of department. Attendance on the first day of classes is mandatory. 3 credits
0101 MW.....9:00am-10:15am (TWS 0138) Goldsmith, D

SPCH450 Classical and Medieval Rhetorical Theory; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. Prerequisite: SPCH 401 or permission of department. Attendance on the first day of classes is mandatory. 3 credits
0101 MW.....4:30pm- 5:45pm (TWS 0147) Gaines, R

SPCH453 Rhetorical Foundations of American Socio-Political Life; Grade Method: REG/P-F/AUD. Attendance on the first day of classes is mandatory. 3 credits
0101 MW.....2:00pm- 3:15pm (TWS 1202) Klumpp, J

SPCH470 Theories of Listening; Grade Method: REG/P-F/AUD. Attendance on the first day of classes is mandatory. 3 credits
0101 MW.....10:30am-11:45am (TWS 0138) McCaleb, J

SPCH482 Intercultural Communication; Grade Method: REG/P-F/AUD. Prerequisite: SPCH 400 or permission of department. Attendance on the first day of classes is mandatory. 3 credits
0101 TuTh.....12:30pm- 1:45pm (TWS 0147) Wolvin, A

SPCH488 (PermReq) Speech Communication Internship; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: GPA 2.5 or above; 56 semester hours or more; 12 semester hours in SPCH including SPCH 250, SPCH 400, and SPCH 401. 1-3 credits

SPCH489 (PermReq) Topical Research: Speech Communication Workshop; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

SPCH498 (PermReq) Seminar; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 3 credits

SPCH498O Seminar: Topics in Organizational Communication; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....5:45pm- 7:00pm (TWS 0147) Falcione, R

SPCH600 Empirical Research in Speech Communication; Grade Method: REG/AUD. 3 credits
0101 Tu.....4:00pm- 6:45pm (TWS 2212) Edgar, T

SPCH682 Seminar in Intercultural Communication; Grade Method: REG/AUD. 3 credits
0101 TuTh.....12:30pm- 1:45pm (TWS 0147) Wolvin, A

SPCH688 (PermReq) Speech Communication Field Experience; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

SPCH698 Special Problems in Speech Communication; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 3 credits

SPCH698A Special Problems in Speech Communication: Speech Acts; Grade Method: REG/AUD. 3 credits
0101 Th.....7:00pm- 9:45pm (TWS 0131) Gaines, R

SPCH698C Special Problems in Speech Communication: Communication and Social Change; Grade Method: REG/AUD. 3 credits
0101 W.....7:00pm- 9:45pm (TWS 2230) Klumpp, J

SPCH798 (PermReq) Independent Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

SPCH798J (PermReq) Independent Study: Speech Communication; Grade Method: REG/AUD. 1-3 credits
0101 M.....5:30pm- 6:30pm (TWS 1204) McCaleb, J

SPCH799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

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STAT Statistics and Probability (Comp, Math, & Phys Sci)

STAT100 Elementary Statistics and Probability; Grade Method: REG/P-F/AUD. CORE Distributive Studies Math or Formal Reasoning Course. USP Distributive Studies Area B Course. Prerequisite: permission of Math Department based on satisfactory score on Math placement exam or MATH 110 or MATH 115. Not open to students who have completed MATH 111 or STAT 100. 3 credits
0101 MWF.....11:00am-11:50am (MTH 0409) STAFF
0201 MWF.....12:00pm-12:50pm (MTH 0409) STAFF
0301 MWF.....2:00pm- 2:50pm (MTH 1311) STAFF
0401 MWF.....3:00pm- 3:50pm (MTH 1311) STAFF
0501 TuTh.....11:00am-12:15pm (MTH 1308) STAFF
0502 TuTh.....11:00am-12:15pm (MTH 0302) STAFF
0601 TuTh.....12:30pm- 1:45pm (MTH 1308) STAFF

STAT400 Applied Probability and Statistics I; Grade Method: REG/P-F/AUD. Prerequisite: MATH 141. Not open to mathematics graduate students. Section 0601 is designed for engineering students, and includes some additional topics in quality control or simulation beyond other STAT 400 material. 3 credits
0101 MWF.....9:00am- 9:50am (MTH 0104) STAFF
0201 MWF.....10:00am-10:50am (MTH 0407) STAFF
0301 MWF.....11:00am-11:50am (MTH 0305) Syski, R
0401 MWF.....12:00pm-12:50pm (MTH 0108) Grebogi, C
0501 MWF.....2:00pm- 2:50pm (MTH 0102) Grebogi, C
0601 TuTh.....12:30pm- 1:45pm (MTH 0401) Freidlin, M
0701 TuTh.....2:00pm- 3:15pm (MTH 0306) Mikulski, P

STAT401 Applied Probability and Statistics II; Grade Method: REG/P-F/AUD. Prerequisite: STAT 400. Not open to mathematics graduate students. 3 credits
0101 TuTh.....2:00pm- 3:15pm (MTH 0307) Yang, G

STAT410 Introduction to Probability Theory; Grade Method: REG/P-F/AUD. Prerequisite: MATH 240; and MATH 241. 3 credits
0101 TuTh.....9:30am-10:45am (MTH B0429) Brin, M
0201 MWF.....1:00pm- 1:50pm (MTH 0107) STAFF

STAT411 Introduction to Stochastic Processes; Grade Method: REG/P-F/AUD. Prerequisite: STAT 400. 3 credits
0101 TuTh.....5:00pm- 6:15pm (MTH 0106) Lee, T

STAT440 Sampling Theory; Grade Method: REG/P-F/AUD. Prerequisite: STAT 401 or STAT 420. 3 credits
0101 MWF.....11:00am-11:50am (MTH 0302) Kedem, B

STAT450 Regression and Analysis of Variance; Grade Method: REG/P-F/AUD. Prerequisite: STAT 401 or STAT 420. 3 credits
0101 MWF.....2:00pm- 2:50pm (MTH 0107) Smith, P

STAT464 Introduction to Biostatistics; Grade Method: REG/P-F/AUD. Prerequisite: One semester of calculus. 56 semester hours. Junior standing. 3 credits
0101 TuTh.....12:30pm- 1:45pm (MTH 0407) Fakre-Zakeri, I

STAT498A Selected Topics in Statistics; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

STAT600 Probability Theory I; Grade Method: REG/AUD. Prerequisite: STAT 410. 3 credits
0101 MWF.....9:00am- 9:50am (MTH 0301) Syski, R

STAT698A Selected Topics in Probability; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-4 credits

STAT700 Mathematical Statistics I; Grade Method: REG/AUD. Prerequisite: STAT 410 or equivalent. 3 credits
0101 TuTh.....2:00pm- 3:15pm (ITV 1111) Kagan, A

STAT710 Advanced Statistics I; Grade Method: REG/AUD. Prerequisite: STAT 421. Recommended Corequisite STAT 600. 3 credits
0101 TuTh.....11:00am-12:15pm (MTH 0301) Mikulski, P

STAT740 Analysis of Variance; Grade Method: REG/AUD. Prerequisite: STAT 700 or STAT 420. 3 credits
0101 MWF.....10:00am-10:50am (MTH 1311) Smith, P

STAT798A Selected Topics in Statistics; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-4 credits

STAT798S Selected Topics in Statistics: Sequential Statistical Methods; Grade Method: REG/AUD. 3 credits
0901 TuTh.....2:00pm- 3:15pm (MTH 0411) Fakre-Zakeri, I

STAT798V Selected Topics in Statistics: Variational Methods in Asymptotic Analysis; Grade Method: REG/AUD. 3 credits
0901 MWF.....11:00am-11:50am (EGR 3114) STAFF

STAT799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

STAT899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

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TEXT Textiles (Human Ecology)

TEXT105 Introduction to Textiles; Grade Method: REG/P-F/AUD. 3 credits
0101 MWF.....11:00am-11:50am (MTH 1400) STAFF

TEXT205 Textile Materials and Performance; Grade Method: REG/P-F/AUD. Prerequisite: TEXT 105. Recommended: prior or concurrent registration in CHEM 103. Credit will be granted for only one of the following: TEXT 150 or TEXT 205. Formerly TEXT 150. 3 credits
0102 TuTh.....11:00am-12:15pm (MTH 1400) STAFF
Tu.....1:00pm- 3:00pm (MTH 2401) LAB
0103 TuTh.....11:00am-12:15pm (MTH 1400) STAFF
W.....10:00am-12:00pm (MTH 2401) LAB
0105 TuTh.....11:00am-12:15pm (MTH 1400) STAFF
Th.....1:00pm- 3:00pm (MTH 2401) LAB

TEXT221 Apparel I; Grade Method: REG/P-F/AUD. Attendance in laboratory is required. Limited to majors. Section 0103 is recommended for 1303A ,1303B and 1303E majors who want more advanced laboratory experience. Students with no background in apparel design are not advised to take this section. 3 credits
0101 MW.....10:00am-10:50am (MTH 1304) Funderburk, J
W.....11:00am- 2:00pm (MTH 2208) LAB
0102 MW.....10:00am-10:50am (MTH 1304) Funderburk, J
Tu.....8:00am-11:00am (MTH 2208) LAB
0103 MW.....10:00am-10:50am (MTH 1304) Funderburk, J
Th.....8:00am-11:00am (MTH 2208) LAB
0104 MW.....10:00am-10:50am (MTH 1304) Funderburk, J
Th.....11:00am- 2:00pm (MTH 2208) LAB

TEXT222 Apparel II; Grade Method: REG/P-F/AUD. Prerequisite: TEXT 221. Attendance in laboratory is required. 3 credits
0101 MW.....2:00pm- 5:00pm (MTH 2208) LAB Jacob, J

TEXT235 (PermReq) Computer Applications in Textiles; Grade Method: REG/AUD. For TEXT majors only. 3 credits
0101 MW.....11:00am-12:50pm (MTH 2212) Pourdeyhimi, B

TEXT305 Textile Materials: Evaluation and Characterization; Grade Method: REG/P-F/AUD. Prerequisite: TEXT 205. 3 credits
0101 MW.....1:00pm- 1:50pm (MTH 0108) STAFF
M.....2:00pm- 4:30pm (MTH 2201) LAB
0102 MW.....1:00pm- 1:50pm (MTH 0108) STAFF
W.....2:00pm- 4:30pm (MTH 2201) LAB
0103 MW.....1:00pm- 1:50pm (MTH 0108) STAFF
F.....1:00pm- 3:30pm (MTH 2201) LAB
0104 MW.....1:00pm- 1:50pm (MTH 0108) STAFF
Tu.....2:00pm- 4:30pm (MTH 2201) LAB

TEXT355 Textile Furnishings; Grade Method: REG/P-F/AUD. Prerequisite: TEXT 205. 3 credits
0101 MWF.....10:00am-10:50am (MTH 1400) Spivak, S

TEXT363 History of Textiles; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. 3 credits
0101 TuTh.....12:30pm- 1:45pm (MTH 1304) Wass, A

TEXT365 (PermReq) Fashion Merchandising; Grade Method: REG/P-F/AUD. Prerequisite: permission of department. Limited to juniors and seniors. 3 credits
0101 TuTh.....9:30am-10:45am (MTH 1304) Eckman, M

TEXT375 Economics of the Textile and Apparel Industry; Grade Method: REG/P-F/AUD. Prerequisites: ECON 201; and ECON 203. 3 credits
0101 TuTh.....2:00pm- 3:15pm (ARM 0116) Zhang, Z

TEXT388 (PermReq) Field Work and Analysis in Textiles; Grade Method: S-F. Limited to majors in textiles and consumer economics. 3-12 credits
0101 Time and room to be arranged STAFF

TEXT400 Research Methods; Grade Method: REG/P-F/AUD. Prerequisite: MATH 110 or MATH 115. Not open to students who have completed CNEC 400 or BMGT 230. 3 credits
0101 MWF.....10:00am-10:50am (MTH 0108) STAFF

TEXT420 Apparel Design: Draping; Grade Method: REG/P-F/AUD. Prerequisites: APDS 101 or ARTT 100; and TEXT 222. Recommended: ARTT 110. Course will not be offered in spring term. Laboratory attendance is required. 3 credits
0101 MW.....8:00am-11:00am (MTH 2208) LAB Anderson, C

TEXT441 Clothing and Human Behavior; Grade Method: REG/P-F/AUD. Prerequisites: PSYC 100; and SOCY 100. 3 credits
0101 MWF.....11:00am-11:50am (MTH 0108) Hacklander, E

TEXT452 Textile Science: Chemical Structures and Properties of Fibers; Grade Method: REG/P-F/AUD. Prerequisite: CHEM 104 or permission of department. Course will be offered in fall only. 3 credits
0101 TuTh.....9:30am-10:30am (MTH 2401) STAFF
TuTh.....10:30am-12:30pm (MTH 2401) LAB
0102 TuTh.....9:30am-10:30am (MTH 2401) STAFF
TuTh.....3:30pm- 5:30pm (MTH 2401) LAB

TEXT488 (PermReq) Senior Honors Thesis; Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number. Limited to students in the departmental honors program. 1-4 credits

TEXT498 (PermReq) Special Studies; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 2-4 credits

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THET Theatre (Arts and Humanities)

See also RTVF and SPCH.

THET110 Introduction to the Theatre; Grade Method: REG/P-F/AUD. USP Distributive Studies Area C Course. 3 credits
0101 MWF.....12:00pm-12:50pm (SHM 2101) STAFF
0201 MWF.....1:00pm- 1:50pm (SHM 2101) STAFF
0301 MWF.....2:00pm- 2:50pm (SHM 2101) STAFF
0401 TuTh.....8:30am-10:45am (SHM 2101) STAFF
0501 MWF.....2:00pm- 2:50pm (SHM 2102) STAFF
0601 TuTh.....8:30am-10:45am (SHM 2102) STAFF

THET111 Making Theatre: Art and Scholarship; Grade Method: REG/P-F/AUD. 3 credits
0101 MWF.....2:00pm- 2:50pm (TWS 0147) Schuler, C

THET120 (PermReq) Acting I; Grade Method: REG/P-F/AUD. Prerequisite: THET 110. Students must contact department before registration for appropriate section. 3 credits
0101 TuTh.....11:00am-12:50pm (TWS 1228) LAB STAFF
0102 TuTh.....1:00pm- 2:50pm (TWS 1228) LAB STAFF
0103 TuTh.....3:00pm- 4:50pm (TWS 1228) LAB STAFF

THET170 Stagecraft; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....11:00am-11:50am (TWS 0241) Kriebs, D
M.....2:00pm- 5:00pm (TWS 0231) LAB
0102 TuTh.....11:00am-11:50am (TWS 0241) Kriebs, D
W.....2:00pm- 5:00pm (TWS 0231) LAB
0103 TuTh.....11:00am-11:50am (TWS 0241) Kriebs, D
W.....2:00pm- 5:00pm (TWS 0231) LAB
0104 TuTh.....11:00am-11:50am (TWS 0241) Kriebs, D
Th.....2:00pm- 5:00pm (TWS 0231) LAB

THET221 (PermReq) Speech For the Stage; Grade Method: REG/P-F/AUD. 3 credits
0101 MW.....1:00pm- 2:50pm (TWS 1228) Ufema, K

THET273 Scenographic Techniques; Grade Method: REG/P-F/AUD. Prerequisite: THET 170 or permission of department. 3 credits
0101 MW.....2:00pm- 3:50pm (TWS 1218) Wagner, D

THET310 The American Theatre; Grade Method: REG/P-F/AUD. USP Distributive Studies Area A Course. 3 credits
0101 MWF.....1:00pm- 1:50pm (ARC 0204) Oleary, R

THET320 (PermReq) Acting II; Grade Method: REG/P-F/AUD. Prerequisites: THET 120 and THET 221 and permission of department. May be taken concurrently with THET 221. 3 credits
0101 MW.....9:00am-10:50am (TWS 1228) Ufema, K

THET330 (PermReq) Play Directing I; Grade Method: REG/P-F/AUD. Prerequisites: THET 120; THET 170; THET 110; THET 111 and permission of department. 3 credits
0101 TuTh.....3:00pm- 4:50pm (TWS 0241) STAFF

THET386 (PermReq) Field Work; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

THET387 (PermReq) Field Work Analysis; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

THET420 (PermReq) Acting III; Grade Method: REG/P-F/AUD. Prerequisites: THET 120; and THET 221; and THET 320; and permission of department. 3 credits
0101 TuTh.....9:00am-10:50am (TWS 0241) Patrick, M

THET429 (PermReq) Actor's Studio; Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

THET451 (PermReq) Musical Comedy Workshop; Grade Method: REG. Prerequisite: permission of department. 3 credits
0101 MW.....2:00pm- 3:50pm (TWS 0241) Oleary, R

THET460 Theatre Management I; Grade Method: REG. 3 credits
0101 TuTh.....9:30am-10:45am (TWS 2212) Patterson, W

THET471 (PermReq) Scenic Design II; Grade Method: REG/P-F/AUD. Prerequisite: THET 170, THET 273, THET 375, or permission of department. 3 credits
0101 MW.....10:00am-11:50am (TWS 1218) STAFF

THET474 (PermReq) Stage Management; Grade Method: REG/P-F/AUD. Prerequisite: THET 170 or permission of department. 3 credits
0101 TuTh.....9:00am-10:50am (TWS 1228) Kriebs, D

THET476 (PermReq) Lighting Design I; Grade Method: REG/P-F/AUD. Prerequisites: THET 170; and permission of department. Recommended: THET 273. 3 credits
0101 TuTh.....1:00pm- 2:50pm (TWS 0241) Wagner, D

THET479 (PermReq) Theater Workshop; Grade Method: REG/P-F/AUD. 1-3 credits
0101 Time and room to be arranged Kriebs, D
0201 Time and room to be arranged Donnelly, D
0301 Time and room to be arranged Stowe, L
0401 Time and room to be arranged STAFF

THET480 Stage Costume History and Design I; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....9:00am-10:50am (TWS 1218) Huang, H

THET486 Stage Costume Construction I; Grade Method: REG/P-F/AUD. 3 credits
0101 TuTh.....2:00pm- 3:50pm (TWS B0230D) Donnelly, D

THET490 History of the Theatre I; Grade Method: REG/P-F/AUD. 3 credits
0101 MWF.....11:00am-11:50am (COL 0104) Schuler, C

THET495 History of Theatrical Theory and Criticism; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. 3 credits
0101 TuTh.....11:00am-12:15pm (TWS 2228) Meersman, R

THET499 (PermReq) Independent Study; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. 3 credits

THET499R (PermReq) Independent Study: Advanced Scene Study and Play Analysis; Grade Method: REG/P-F/AUD. Prerequisite: THET 420. 3 credits
0101 MW.....9:00am-10:50am (TWS 0241) Patrick, M

THET499T (PermReq) Independent Study: Black Drama Workshop; Grade Method: REG/P-F/AUD. 3 credits
0101 W.....4:00pm- 6:30pm (SDH 3123) Medford, G

THET800 Introduction to Graduate Study in Theatre; Grade Method: REG/AUD. 3 credits
0101 Th.....4:00pm- 6:30pm (TWS 1202) Gillespie, P

THET610 The American Theatre; Grade Method: REG/AUD. 3 credits
0101 W.....4:00pm- 6:30pm (TWS 0135) Gillespie, P

THET669 (PermReq) Independent Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

THET681 Theory of Visual Design in Costuming; Grade Method: REG. 3 credits
0101 M.....4:00pm- 6:30pm (TWS 2212) Huang, H

THET788 (PermReq) Master's Tutorial; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

THET789 (PermReq) Master's Practicum; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

THET799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-6 credits

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TXCE Textiles and Consumer Economics (Human Ecology)

TXCE608 (PermReq) Special Problems; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

TXCE608A Special Problems: Computer Data Analysis; Grade Method: REG/AUD. 1 credit
0101 Time and room to be arranged Mokhtari, M

TXCE610 Economics of Consumption; Grade Method: REG/AUD. Prerequisite: ECON 306 or permission of department. 3 credits
0101 Tu.....5:00pm- 7:30pm (MTH 2210) Dardis, R

TXCE620 Consumer Behavior; Grade Method: REG/AUD. Prerequisite: CNEC 437 or permission of department. 3 credits
0101 Th.....5:00pm- 7:30pm (MTH 2208) Ettenson, R

TXCE640 Historiography of Costume and Textiles; Grade Method: REG/AUD. 3 credits
0101 TBA (MTH 2210) Anderson, C

TXCE645 Fabric Structures; Grade Method: REG/AUD. Prerequisite: permission of department. 3 credits
0101 TBA (MTH 2212) Pourdeyhimi, B

TXCE648 Seminar in Historic Textiles; Grade Method: REG/AUD. 1-3 credits
0101 Time and room to be arranged Block, I
0701 Time and room to be arranged Spivak, S
1601 Time and room to be arranged Anderson, C

TXCE660 Fiber Structure and Properties; Grade Method: REG/AUD. Prerequisite: TEXT 452 or permission of department. 3 credits
0101 Th.....5:00pm- 7:30pm (MTH 2201) Yeh, K

TXCE670 Appearance and Sensory Properties; Grade Method: REG/AUD. Prerequisite: TEXT 305 or permission of department. 3 credits
0101 ThF.....9:30am-11:00am (MTH 2201) STAFF

TXCE699 Research Seminar; Grade Method: S-F. 1 credit
0101 M.....4:00pm- 4:50pm (MTH 1304) Smith, B

TXCE710 Public Policy and the Consumer; Grade Method: REG/AUD. Prerequisite: ECON 306 or permission of department. 3 credits
0101 Time and room to be arranged Dardis, R

TXCE770 Textile Microscopy; Grade Method: REG/AUD. 3 credits
0101 W.....3:00pm- 4:00pm (MTH 0108) Spivak, S
Time and room to be arranged LAB

TXCE789 (PermReq) Non-Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

TXCE799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-3 credits

TXCE899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. 1-8 credits

UMEI Maryland English Institute (Arts and Humanities)

UMEI001 (PermReq) English as a Foreign Language: Beginning; Grade Method: S-F. See Director, UMEI, 1104 Preinkert. This course does not carry credit towards any degree at the University and does not count in the retention plan. An additional fee is required for this course. See financial section in Schedule of Classes for information. — No credit
0101 Time and room to be arranged — STAFF

UMEI002 (PermReq) English as a Foreign Language: Intermediate I; Grade Method: S-F. See Director, UMEI, 1104 Preinkert. This course does not carry credit towards any degree at the University and does not count in the retention plan. An additional fee is required for this course. See financial section in Schedule of Classes for information. — No credit
0101 TuTh.....2:00pm- 3:00pm (JMZ 0120) — STAFF

UMEI003 (PermReq) English as a Foreign Language: Intermediate II; Grade Method: S-F. See Director, UMEI, 1104 Preinkert. This course does not carry credit towards any degree at the University and does not count in the retention plan. An additional fee is required for this course. See financial section in Schedule of Classes for information. — No credit
0101 Time and room to be arranged — STAFF

UMEI004 (PermReq) English as a Foreign Language: Intermediate III; Grade Method: S-F. See Director, UMEI, 1104 Preinkert. This course does not carry credit towards any degree at the University and does not count in the retention plan. An additional fee is required for this course. See financial section in Schedule of Classes for information. — No credit
0101 MTuWThF...10:00am-12:00pm (ARC 1121) — STAFF

UMEI005 (PermReq) Advanced English as a Foreign Language; Grade Method: S-F. See Director, UMEI, 1104 Preinkert. This course does not carry credit towards any degree at the University and does not count in the retention plan. An additional fee is required for this course. See financial section in Schedule of Classes for information. Section 0301 is for graduate students only. — 6 credits
0301 MWF.....10:00am-12:00pm (JRN 1101) — STAFF
TuTh.....10:00am-12:00pm (JRN 1103)
0401 MWF.....1:00pm- 3:00pm (COL 0104) — STAFF
TuTh.....1:00pm- 3:00pm (ARC 1121)
0501 MTuWThF....8:00am-10:00am (JRN 1103) — STAFF
0601 MWF.....9:00am-11:00am (TAA 1124) — STAFF
TuTh.....9:00am-11:00am (JMZ 1125)

UMEI005A (PermReq) Advanced English as a Foreign Language; Grade Method: S-F. For foreign graduate teaching assistants. This course does not carry credit towards any degree at the University and does not count in the retention plan. An additional fee is required for this course. See financial section in Schedule of Classes for information. — 6 credits
0101 MTuWThF....1:00pm- 3:00pm (JMZ 1124) — STAFF

UMEI006 English Pronunciation; Grade Method: S-F. This course does not carry credit towards any degree at the University and does not count in the retention plan. An additional fee is charged for this course. See financial section in Schedule of Classes for information. — 1 credit
0101 W.....3:00pm- 5:00pm (JMZ 2122) — STAFF
0201 W.....10:00am-12:00pm (TAA 1122) — STAFF

UMEI008 Advanced Oral Communication Skills; Grade Method: S-F. See Director, UMEI, 1104 Preinkert. This course does not carry credit towards any degree at the University and does not count in the retention plan. An additional fee is required for this course. See financial section in Schedule of Classes for information. — 1 credit
0101 TuTh.....1:00pm- 3:00pm (JMZ 1109) — STAFF

URBS Institute for Urban Studies (Behavior & Social Sci)

URBS100 Introduction to Urban Studies; Grade Method: REG. USP Distributive Studies Area D Course. — 3 credits
0101 TuTh.....3:30pm- 4:45pm (LEF 2205) — Levin, M

URBS210 Behavioral and Social Dimensions of the Urban Community; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D Course. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (LEF 2166) — Werlin, H
0201 MW.....1:30pm- 2:45pm (TAA 1122) — Mintz, S

URBS220 Environmental and Technological Dimensions of the Urban Community; Grade Method: REG/P-F/AUD. USP Distributive Studies Area D Course. — 3 credits
0101 MWF.....10:00am-10:50am (LEF 1221) — Beygo, T

URBS397H (PermReq) Honors Independent Reading; Grade Method: REG. Prerequisite: admission to honors program in URBS or other departments. — 3 credits
0101 Time and room to be arranged — Hula, R

URBS399I (PermReq) Independent Study in Urban Topics; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 3 credits

URBS438 (PermReq) Urban Internship; Grade Method: REG/P-F/AUD. Concurrent enrollment in URBS 398A possible. See instructor for group seminar dates. — 1-6 credits
0101 Time and room to be arranged — STAFF

URBS460 Urban and Regional Planning in Developing Countries; Grade Method: REG/P-F/AUD. — 3 credits
0101 MW.....3:00pm- 4:15pm (WDS 1127) — Chang, W

URBS488A Selected Topics in Urban Studies: Computer Mapping; Grade Method: REG/P-F/AUD. — 3 credits
0101 W.....7:00pm- 9:30pm (LEF 1222) — Broome, F

URBS488I Selected Topics in Urban Studies: Geographic Information Systems; Grade Method: REG/P-F/AUD. Prerequisite: GEOG 373 or permission of department. — 3 credits
0101 MW.....4:00pm- 5:30pm (LEF 1124) — Thompson, D

URBS488P Selected Topics in Urban Studies: Advanced Topics in Public Policy and the Black Community; Grade Method: REG/P-F/AUD. — 3 credits
0101 Th.....7:00pm- 9:30pm (LEF 1201) — Felder, H

URBS488S Selected Topics in Urban Studies: Social Geography of Metropolitan Areas; Grade Method: REG/P-F/AUD. — 3 credits
0101 M.....7:00pm- 9:30pm (LEF 1179) — Dahmann, D

URBS488X Selected Topics in Urban Studies: Urban Problems Seminar; Grade Method: REG/P-F/AUD. — 3 credits
0101 TuTh.....3:30pm- 4:45pm (ARC 1127) — Fogle, D

URBS498H (PermReq) Honors Thesis; Grade Method: REG/P-F/AUD. Prerequisite: admissions to honors program in URBS or other departments. — 3-6 credits
0101 Time and room to be arranged — Hula, R

URBS602 Urban Research Methods: Modeling Applications; Grade Method: REG/AUD. Prerequisite: computer literacy. — 3 credits
0101 Tu.....7:00pm- 9:30pm (LEF 1179) — Hula, R

URBS630 Urban Economics and Policy Analysis; Grade Method: REG/AUD. Prerequisite: URBS 440 or equivalent. — 3 credits
0101 Th.....7:00pm- 9:30pm (LEF 1220) — Weiss, E

URBS670 Urban Public Policy Analysis; Grade Method: REG/AUD. Prerequisite: URBS 470 or permission of department. — 3 credits
0101 W.....7:00pm- 9:30pm (LEF 1179) — Hula, R

URBS680 Environmental and Land Use Planning; Grade Method: REG/AUD. — 3 credits
0101 M.....7:00pm- 9:30pm (LEF 1221) — Mintz, S

URBS683 Social Planning and Community Development; Grade Method: REG/AUD. — 3 credits
0101 W.....4:00pm- 6:30pm (LEF 1179) — Baum, H

URBS688N Recent Developments in Urban Studies: The Urban Neighborhood; Grade Method: REG/AUD. — 3 credits
0101 W.....4:00pm- 6:30pm (LEF 1208) — Brower, S

URBS689P Recent Developments in Urban Studies: Equity and Planning; Grade Method: REG/AUD. — 3 credits
0101 M.....4:00pm- 6:30pm (LEF 1210) — Baum, H

URBS689 (PermReq) Internship Seminar; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. See instructor for group seminar dates. Concurrent registration with URBS 698A possible. — 3-6 credits

URBS698A (PermReq) Independent Study in Urban Topics; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Concurrent registration with URBS 689 is possible. See instructor for group seminar dates. — 3 credits

URBS702 (PermReq) Planning Profession and Practicum; Grade Method: REG/AUD. Prerequisite: permission of department. — 3 credits
0101 F.....3:00pm- 5:00pm (Arranged) — Reich, L
Time and room to be arranged DIS

URBS704 (PermReq) Urban Planning Workshop; Grade Method: REG/AUD. Prerequisite: permission of department. — 5 credits
0101 TuTh.....9:00am- 5:00pm (Arranged) — Brower, S

URBS799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

WMST Women's Studies (Arts and Humanities)

Both WMST 200 and 250 serve as introductory courses for WMST and are required before taking any other course with a WMST prefix.

WMST200 Introduction to Women's Studies: Women and Society; Grade Method: REG/P-F/AUD. CORE Distributive Studies Behavioral and Social Science Course. CORE Distributive Studies Cultural Diversity Course. USP Distributive Studies Area D Course. A third discussion hour will be arranged in the first lecture for the Tuesday - Thursday class. — 3 credits
0101 MWF.....11:00am-11:50am (ZOP 1232) — Kim, S
0201 TuTh.....2:00pm- 2:50pm (COL 3111) — King, K
Time and room to be arranged DIS

Both WMST 200 and 250 serve as introductory courses for WMST and are required before taking any other courses with a WMST prefix.

WMST250 Introduction to Women's Studies: Women, Art and Culture; Grade Method: REG/P-F/AUD. CORE Distributive Studies Arts Course. CORE Distributive Studies Cultural Diversity Course. USP Distributive Studies Area C Course. A third discussion hour will be arranged in the first lecture. — 3 credits
0101 Tu.....4:30pm- 6:30pm (ASY 2203) — Pearson, C
Time and room to be arranged DIS

WMST350 (PermReq) Feminist Education Practicum; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of department. Corequisite: WMST 351. — 3 credits

WMST351 (PermReq) Feminist Education Analysis; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: permission of department. Corequisite: WMST 350. — 3 credits

WMST400 Theories of Feminism; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. Prerequisite: WMST 200 or WMST 250. — 3 credits
0101 M.....1:00pm- 3:30pm (ARM 0119) — Kauffman, L
0301 MW.....4:00pm- 5:15pm (HBK 1108) — Kim, S

WMST490 Feminist Reconceptualizations; Grade Method: REG/P-F/AUD. Prerequisite: WMST 200 or WMST 250; and WMST 400. Senior standing. Priority will be given to WMST certificate students. Student should be available on selected Monday evenings for accompanying lectures. — 3 credits
0101 Tu.....2:00pm- 4:30pm (COL 3114) — Bolles, L

WMST498A (PermReq) Special Topics in Women's Studies: Diversity in Oneness: the Making of African American Communities; Grade Method: REG. Seminar team taught with AASP Prof. Harley, ENGL Prof. Peterson, and WMST Prof. Bolles. — 4 credits
0101 MWF.....11:00am-12:30pm (TLF 0135) — Peterson, C

WMST498B Special Topics in Women's Studies: Women in Science; Grade Method: REG/P-F/AUD. Must have taken at least one science course. — 3 credits
0101 W.....4:30pm- 7:00pm (ZOP 1230) — Palmer, M

WMST498C Special Topics in Women's Studies: Feminism and Visual Cultures; Grade Method: REG/AUD. Team taught by ARTH Prof. Withers and WMST Prof. Beck. — 3 credits
0101 M.....4:00pm- 6:30pm (ASY 3211) — Beck, E

WMST498D Special Topics in Women's Studies: Feminism and Writing Technologies; Grade Method: REG/AUD. — 3 credits
0101 TuTh.....10:00am-11:15am (JMZ 1123) — King, K

WMST499 (PermReq) Independent Study; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

WMST601 Advanced Feminist Theory; Grade Method: REG/AUD. Prerequisite: WMST 400 or permission of department. Students should be available on selected Monday evenings for accompanying lecture series. Seminar taught by C. Moses and D. Rosenfelt. — 3 credits
0101 Tu.....2:00pm- 4:30pm (MIL 1125) — Moses, C

WMST698D Special Topics in Women's Studies: Feminism and Writing Technologies; Grade Method: REG/AUD. — 3 credits
0101 TuTh.....10:00am-11:15am (JMZ 1123) — King, K

WMST699 (PermReq) Independent Study; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

ZOOL Zoology (Life Sciences)

The following courses may involve the use of animals. Students who are concerned about the use of animals in teaching have the responsibility to contact the instructor, prior to course enrollment, to determine whether animals are to be used in the course, whether class exercises involving animals are optional or required and what alternatives, if any, are available.

ZOOL181 Life in the Oceans; Grade Method: REG/P-F/AUD. USP Distributive Studies Area B Course. Prerequisite: an introductory course in biological principles. — 3 credits
0101 TuTh.....4:00pm- 5:15pm (ZOP 1240) — Clark, E

ZOOL201 Human Anatomy and Physiology I; Grade Method: REG/P-F/AUD. CORE Distributive Studies Life Science Laboratory Course. Prerequisite: BIOL 105 or equivalent. Professor-in-charge: Payne. Laboratory supervisor: Spalding. — 4 credits
0101 MWF.....9:00am- 9:50am (ZOP 1240) — Payne, R
M.....10:00am- 1:00pm (ZOP 0205) LAB
0102 MWF.....9:00am- 9:50am (ZOP 1240) — Payne, R
M.....1:00pm- 4:00pm (ZOP 0205) LAB
0103 MWF.....9:00am- 9:50am (ZOP 1240) — Payne, R
M.....4:00pm- 7:00pm (ZOP 0205) LAB
0104 MWF.....9:00am- 9:50am (ZOP 1240) — Payne, R
Tu.....8:00am-11:00am (ZOP 0205) LAB
0105 MWF.....9:00am- 9:50am (ZOP 1240) — Payne, R
Tu.....11:00am- 2:00pm (ZOP 0205) LAB
0106 MWF.....9:00am- 9:50am (ZOP 1240) — Payne, R
Tu.....2:00pm- 5:00pm (ZOP 0205) LAB
0107 MWF.....9:00am- 9:50am (ZOP 1240) — Payne, R
W.....10:00am- 1:00pm (ZOP 0205) LAB
0108 MWF.....9:00am- 9:50am (ZOP 1240) — Payne, R
W.....1:00pm- 4:00pm (ZOP 0205) LAB
0109 MWF.....9:00am- 9:50am (ZOP 1240) — Payne, R
Th.....8:00am-11:00am (ZOP 0205) LAB
0110 MWF.....9:00am- 9:50am (ZOP 1240) — Payne, R
Th.....11:00am- 2:00pm (ZOP 0205) LAB
0111 MWF.....9:00am- 9:50am (ZOP 1240) — Payne, R
Th.....2:00pm- 5:00pm (ZOP 0205) LAB
0112 MWF.....9:00am- 9:50am (ZOP 1240) — Payne, R
F.....10:00am- 1:00pm (ZOP 0205) LAB

ZOOL210 Animal Diversity; Grade Method: REG/P-F/AUD. CORE Distributive Studies Life Science Laboratory Course. USP Distributive Studies Area B Course. Prerequisite: BIOL 106. — 4 credits
0101 TuTh.....9:30am-10:45am (ZOP 1240) — Kent, B
M.....8:00am-11:00am (ZOP 0257) LAB
0102 TuTh.....9:30am-10:45am (ZOP 1240) — Kent, B
M.....11:00am- 2:00pm (ZOP 0257) LAB
0103 TuTh.....9:30am-10:45am (ZOP 1240) — Kent, B
M.....2:00pm- 5:00pm (ZOP 0257) LAB
0104 TuTh.....9:30am-10:45am (ZOP 1240) — Kent, B
Tu.....11:00am- 2:00pm (ZOP 0257) LAB
0105 TuTh.....9:30am-10:45am (ZOP 1240) — Kent, B
Tu.....2:00pm- 5:00pm (ZOP 0257) LAB
0106 TuTh.....9:30am-10:45am (ZOP 1240) — Kent, B
W.....8:00am-11:00am (ZOP 0275) LAB
0107 TuTh.....9:30am-10:45am (ZOP 1240) — Kent, B
W.....11:00am- 2:00pm (ZOP 0257) LAB
0108 TuTh.....9:30am-10:45am (ZOP 1240) — Kent, B
W.....2:00pm- 5:00pm (ZOP 0257) LAB
0109 TuTh.....9:30am-10:45am (ZOP 1240) — Kent, B
Th.....11:00am- 2:00pm (ZOP 0257) LAB
0110 TuTh.....9:30am-10:45am (ZOP 1240) — Kent, B
Th.....2:00pm- 5:00pm (ZOP 0257) LAB

ZOOL211 Cell Biology and Physiology; Grade Method: REG/P-F/AUD. Prerequisites: BIOL 105; and CHEM 103. Professor-in-charge: Ades. Lecturers: Higgins, Imberski and Popper. — 4 credits
0101 MWF.....11:00am-11:50am (ZOP 1250) — Ades, I
M.....2:00pm- 5:00pm (ZOP 0283) LAB
0102 MWF.....11:00am-11:50am (ZOP 1250) — Ades, I
Tu.....9:00am-12:00pm (ZOP 0283) LAB
0103 MWF.....11:00am-11:50am (ZOP 1250) — Ades, I
Tu.....2:00pm- 5:00pm (ZOP 0283) LAB
0104 MWF.....11:00am-11:50am (ZOP 1250) — Ades, I
W.....2:00pm- 5:00pm (ZOP 0283) LAB
0105 MWF.....11:00am-11:50am (ZOP 1250) — Ades, I
Th.....9:00am-12:00pm (ZOP 0283) LAB
0106 MWF.....11:00am-11:50am (ZOP 1250) — Ades, I
Th.....2:00pm- 5:00pm (ZOP 0283) LAB
0107 MWF.....11:00am-11:50am (ZOP 1250) — Ades, I
W.....6:00pm- 9:00pm (ZOP 0283) LAB
0108 MWF.....11:00am-11:50am (ZOP 1250) — Ades, I
F.....2:00pm- 5:00pm (ZOP 0283) LAB

ZOOL213 Genetics; Grade Method: REG/P-F/AUD. Prerequisite: BIOL 105; CHEM 113. Credit will be granted for only one of the following: ZOOL 213, ANSC 201, BOTN 414, HORT 274. — 4 credits
0101 MWF.....9:00am- 9:50am (ZOP 1250) — Barnett, A
M.....2:00pm- 5:00pm (ZOP 0201) LAB
0102 MWF.....9:00am- 9:50am (ZOP 1250) — Barnett, A
Tu.....2:00pm- 5:00pm (ZOP 0201) LAB
0103 MWF.....9:00am- 9:50am (ZOP 1250) — Barnett, A
W.....1:00pm- 4:00pm (ZOP 0201) LAB
0105 MWF.....9:00am- 9:50am (ZOP 1250) — Barnett, A
F.....12:00pm- 3:00pm (ZOP 0201) LAB

ZOOL299 (PermReq) Supplemental Study in Zoology; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-3 credits

ZOOL308H Honors Seminar; Grade Method: REG/P-F/AUD. — 1 credit
0101 Time and room to be arranged — Levitan, H

ZOOL309H (PermReq) Honors Independent Study; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: participation in honors program. — 1-4 credits

ZOOL318H (PermReq) Honors Research; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisite: participation in honors program. — 1-2 credits

ZOOL319 (PermReq) Special Problems in Zoology; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Prerequisites: major in zoology or biological sciences, G.P.A. of 3.00 in biological sciences, consent of instructor. — 1-2 credits

ZOOL323 Brain and Behavior; Grade Method: REG/P-F/AUD. USP Advanced Studies Development of Knowledge Course. Prerequisite: ZOOL 211 or equivalent introduction to general physiology. Credit will be granted for only one of the following: ZOOL 323 or PSYC 402. — 3 credits
0101 TuTh.....8:00am- 9:15am (ZOP 1238) — Levitan, H

ZOOL326 Biology of Reproduction; Grade Method: REG/P-F/AUD. Prerequisite: BIOL 105 or permission of department. — 3 credits
0101 TuTh.....11:00am-12:15pm (ZOP 1240) — Carter-Porges,

ZOOL328M Selected Topics in Zoology: Mathematical Models in Biology; Grade Method: REG/P-F/AUD. Prerequisite: one year of calculus. Course will be team taught by Dr. Chao and Dr. Stephan. — 3 credits
0101 TuTh.....5:00pm- 6:15pm (ZOP 1232) — Chao, L

ZOOL328V Selected Topics in Zoology: Vertebrate Zoology; Grade Method: REG/P-F/AUD. Prerequisite: ZOOL 212 or BIOL 106. — 3 credits
0101 TuTh.....2:00pm- 3:15pm (ZOP 1238) — Highton, R

ZOOL328W Selected Topics in Zoology: Women in Science; Grade Method: REG/P-F/AUD. — 3 credits
0101 W.....4:30pm- 7:00pm (ZOP 1230) — Palmer, M

ZOOL328X Selected Topics in Zoology: Field Trips in Vertebrate Zoology; Grade Method: REG/P-F/AUD. Field trips on Saturdays. Concurrent registration in ZOOL 328V is required. — 1 credit
0101 Time and room to be arranged — Highton, R

ZOOL328Z (PermReq) Selected Topics in Zoology: Field Research; Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. Cannot be used as credit toward the ZOOL major requirements. — 1-3 credits

ZOOL346 Human Genetics and Society; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. Prerequisite: two college courses in the natural sciences and/or mathematics. — 3 credits
0101 MWF.....1:00pm- 1:50pm (ZOP 1238) — Barnett, A

ZOOL368 Laboratory Techniques in Behavioral Endocrinology: Laboratory Techniques in Animal Behavior; Grade Method: S-F. Prerequisite: ZOOL 326 or concurrent registration. — 2 credits
0101 Time and room to be arranged LAB — STAFF

ZOOL381 Natural History of the Chesapeake Bay; Grade Method: REG/P-F/AUD. USP Advanced Studies Analysis of Human Problems Course. Prerequisite: a course in biological sciences or permission of department. — 3 credits
0101 MWF.....12:00pm-12:50pm (ZOP 1240) — Small, E

ZOOL422 Vertebrate Physiology; Grade Method: REG/P-F/AUD. Prerequisite: ZOOL 211 and one semester of organic chemistry or permission of department. — 4 credits
0101 MWF.....8:00am- 8:50am (ZOP 1240) — Higgins, W
M.....2:00pm- 5:00pm (ZOP 2223) LAB
0102 MWF.....8:00am- 8:50am (ZOP 1240) — Higgins, W
Tu.....2:00pm- 5:00pm (ZOP 2223) LAB
0103 MWF.....8:00am- 8:50am (ZOP 1240) — Higgins, W
Th.....2:00pm- 5:00pm (ZOP 2223) LAB
0106 MWF.....8:00am- 8:50am (ZOP 1240) — Higgins, W
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0107 MWF.....8:00am- 8:50am (ZOP 1240) — Higgins, W
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0109 MWF.....8:00am- 8:50am (ZOP 1240) — Higgins, W
M.....9:00am-12:00pm (ZOP 2223) LAB
0110 MWF.....8:00am- 8:50am (ZOP 1240) — Higgins, W
Tu.....9:00am-12:00pm (ZOP 2223) LAB
0112 MWF.....8:00am- 8:50am (ZOP 1240) — Higgins, W
F.....8:00am-12:00pm (ZOP 2223) LAB

ZOOL440 Evolution; Grade Method: REG/P-F/AUD. Prerequisites: ZOOL 210; and ZOOL 213; and BIOL 106. — 3 credits
0101 TuTh.....9:30am-10:45am (ZOP 1250) — Chao, L

ZOOL446 Molecular Genetics; Grade Method: REG/P-F/AUD. Prerequisites: a course in genetics (e.g. ZOOL 213) and CHEM 233. — 3 credits
0101 TuTh.....11:00am-12:15pm (ZOP 2283) — Imberski, R

ZOOL455 General Immunology; Grade Method: REG/P-F/AUD. Prerequisites: ZOOL 211; ZOOL 213. Credit will be granted for only one of the following: ZOOL 455 and MICB 450. — 3 credits
0101 TuTh.....3:30pm- 5:00pm (ZOP 2283) — Potter, M

ZOOL460 Ethology; Grade Method: REG/P-F/AUD. Prerequisites: BIOL 106; and ZOOL 213. — 3 credits
0101 MW.....10:00am-10:50am (ZOP 1250) — Wilkinson, G
F.....8:00am- 9:50am (ZOP 0275) DIS
0102 MW.....10:00am-10:50am (ZOP 1250) — Wilkinson, G
F.....10:00am-10:50am (ZOP 0275) DIS
0103 MW.....10:00am-10:50am (ZOP 1250) — Wilkinson, G
F.....11:00am-11:50am (ZOP 1228) DIS

ZOOL468 Experimental Behavioral Endocrinology; Grade Method: REG/P-F/AUD. Prerequisite: ZOOL 368. — 2 credits
0101 Time and room to be arranged LAB — STAFF

ZOOL470 Advanced Animal Ecology; Grade Method: REG/P-F/AUD. Prerequisites: BIOL 106; and MATH 220; and a course in statistics. — 2 credits
0101 MW.....9:00am- 9:50am (ZOP 1238) — Gill, D

ZOOL471 Laboratory and Field Ecology; Grade Method: REG/P-F/AUD. Pre- or corequisite: ZOOL 470. — 2 credits
0101 F.....1:00pm- 5:00pm (ZOP 0275) LAB — Gill, D

ZOOL477 Symbiology; Grade Method: REG/P-F/AUD. Prerequisite: ZOOL 210 or ZOOL 212. — 3 credits
0101 MWF.....11:00am-11:50am (ZOP 2283) — Inouye, D

ZOOL480 Aquatic Biology; Grade Method: REG/P-F/AUD. Prerequisites: BIOL 106; and ZOOL 210. — 4 credits
0101 TuTh.....1:00pm- 1:50pm (ZOP 0271) — Allan, J
TuTh.....2:00pm- 5:00pm (ZOP 0271) LAB

ZOOL481 The Biology of Marine and Estuarine Invertebrates; Grade Method: REG/P-F/AUD. Prerequisite: one year of zoology — 4 credits

including ZOOL 210 or equivalent.
Prerequisite: ZOOL 210.
0101 MW.....10:00am-10:50am (ZOP 2283) Pierce Jr, S
MW.....1:00pm- 4:00pm (ZOP 0263) LAB

ZOOL495 Mammalian Histology; Grade Method: REG/P-F/AUD. Prerequisites: ZOOL 211; and ZOOL 422; or permission of department. Prerequisites: ZOOL 211 and ZOOL 422. — 4 credits
0101 WF.....9:00am- 9:50am (ZOP 1228) Linder, H
WF.....10:00am- 1:00pm (ZOP 2245) LAB

ZOOL608G Zoology Seminar: Creating a Learning Environment; Grade Method: REG/AUD. — 1 credit
0101 M.....12:00pm-12:50pm (Arranged) Levitan, H

ZOOL608P Zoology Seminar: Sensory Biology; Grade Method: REG/AUD. — 1 credit
0101 Time and room to be arranged Platt, C

ZOOL608Q Zoology Seminar: Protozoology; Grade Method: REG/AUD. — 1 credit
2801 Time and room to be arranged Small, E

ZOOL609 Special Problems in Zoology; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ZOOL609M Special Problems in Zoology: Mathematical Models in Biology; Grade Method: REG/AUD. Prerequisite: one year of calculus. Course will be team taught by Dr. Chao and Dr. Stephan. — 3 credits
0101 TuTh.....5:00pm- 6:15pm (ZOP 1232) Chao, L

ZOOL671 Concepts in Evolution; Grade Method: REG/AUD. Team taught by G. Borgia, L. Chao, W. Stephan and G. Wilkinson. — 4 credits
0101 Time and room to be arranged Borgia, G

ZOOL677 Ecology of Marine Communities; Grade Method: REG/AUD. Prerequisites: ZOOL 670 or permission of instructor. Recommended: ZOOL 481. — 4 credits
2801 Time and room to be arranged Small, E

ZOOL609 Special Problems in Zoology; Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ZOOL609M Special Problems in Zoology: Mathematical Models in Biology; Grade Method: REG/AUD. Prerequisite: one year of calculus. Course will be team taught by Dr. Chao and Dr. Stephan. — 3 credits
0101 TuTh.....5:00pm- 6:15pm (ZOP 1232) Chao, L

ZOOL671 Concepts in Evolution; Grade Method: REG/AUD. Team taught by G. Borgia, L. Chao, W. Stephan and G. Wilkinson. — 4 credits
0101 Time and room to be arranged Borgia, G

ZOOL677 Ecology of Marine Communities; Grade Method: REG/AUD. Prerequisites: ZOOL 670 or permission of instructor. Recommended: ZOOL 481. — 4 credits
0101 Time and room to be arranged Reaka, M

ZOOL708E Advanced Topics in Zoology: Eukaryotic Gene Expression; Grade Method: REG/AUD. — 3 credits
0101 W.....7:00pm- 9:30pm (Arranged) Shapiro, S

ZOOL708M Advanced Topics in Zoology: General Immunology; Grade Method: REG/AUD. Prerequisites: ZOOL 211; ZOOL 213. Credit will only be given for only one of the following: ZOOL 708M and MICB 450. — 3 credits
0101 TuTh.....3:30pm- 5:00pm (ZOP 2283) Potter, M

ZOOL799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ZOOL899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

0101 Time and room to be arranged Reaka, M

ZOOL708E Advanced Topics in Zoology: Eukaryotic Gene Expression; Grade Method: REG/AUD. — 3 credits
0101 W.....7:00pm- 9:30pm (Arranged) Shapiro, S

ZOOL708M Advanced Topics in Zoology: General Immunology; Grade Method: REG/AUD. Prerequisites: ZOOL 211; ZOOL 213. Credit will only be given for only one of the following: ZOOL 708M and MICB 450. — 3 credits
0101 TuTh.....3:30pm- 5:00pm (ZOP 2283) Potter, M

ZOOL799 Master's Thesis Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-6 credits

ZOOL899 Doctoral Dissertation Research; Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. — 1-8 credits

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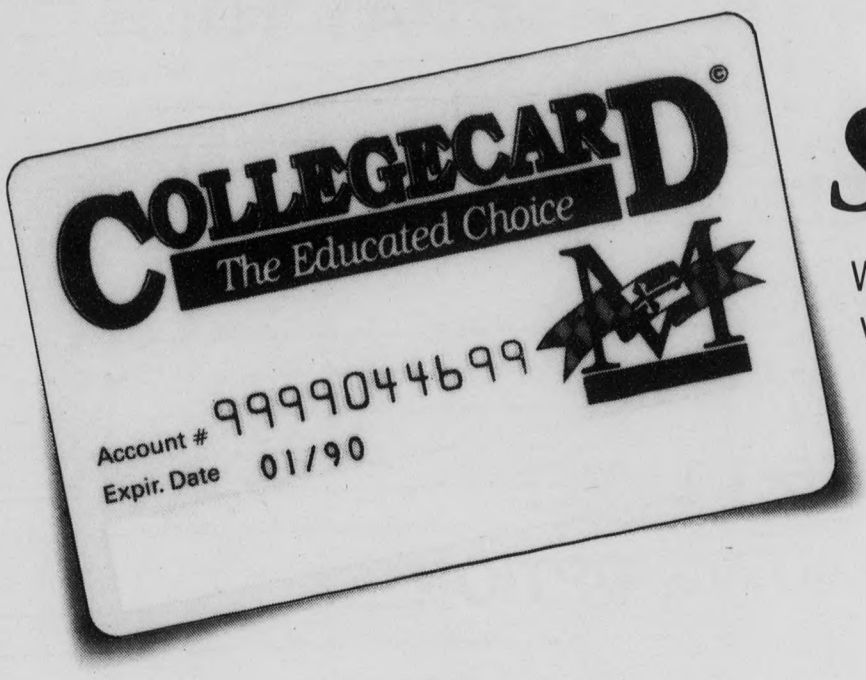
A Little History.



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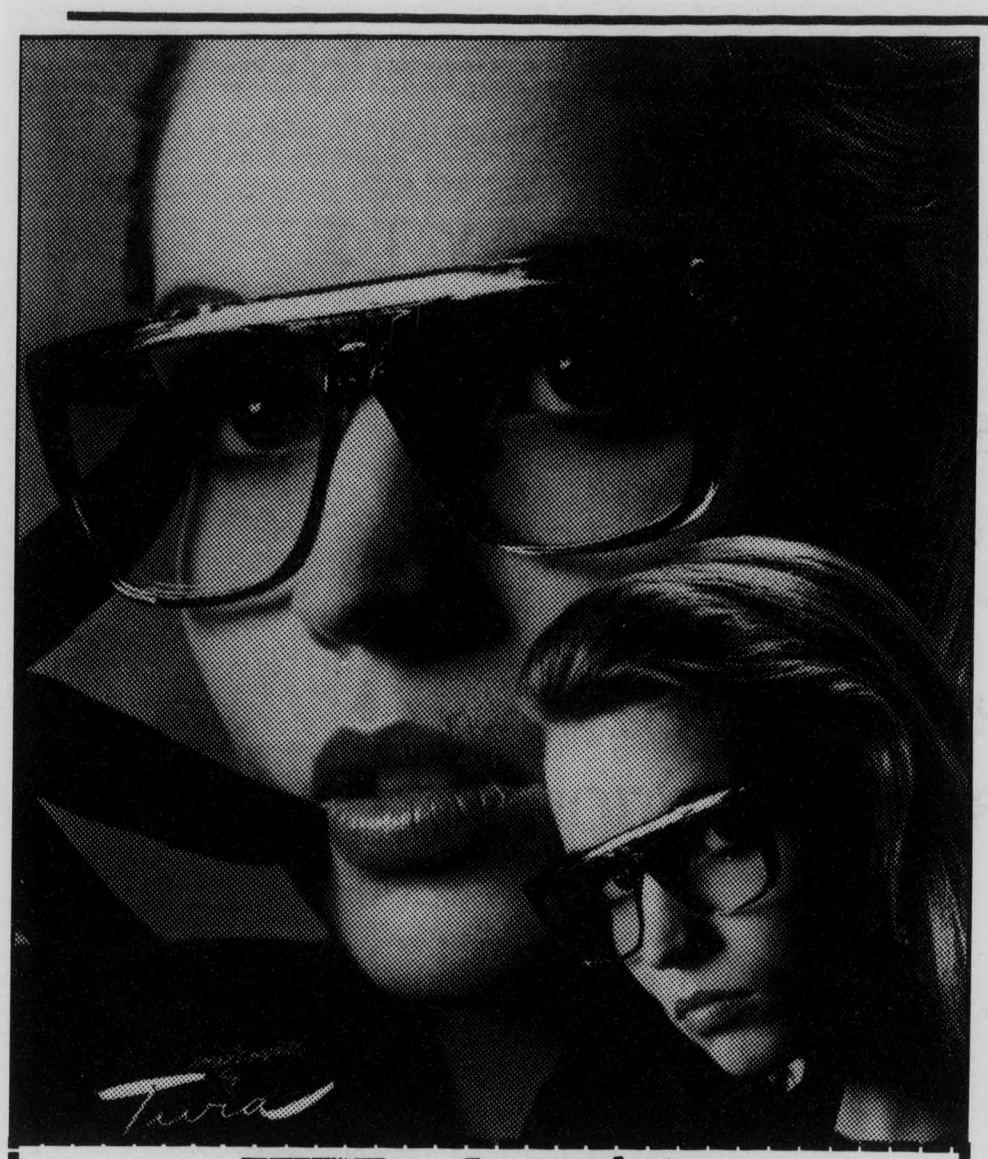

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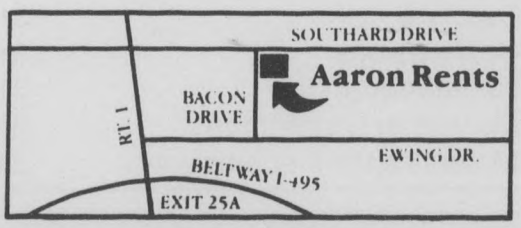

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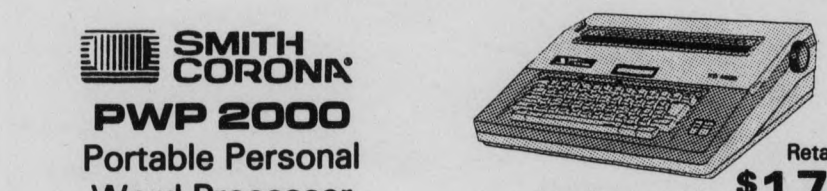

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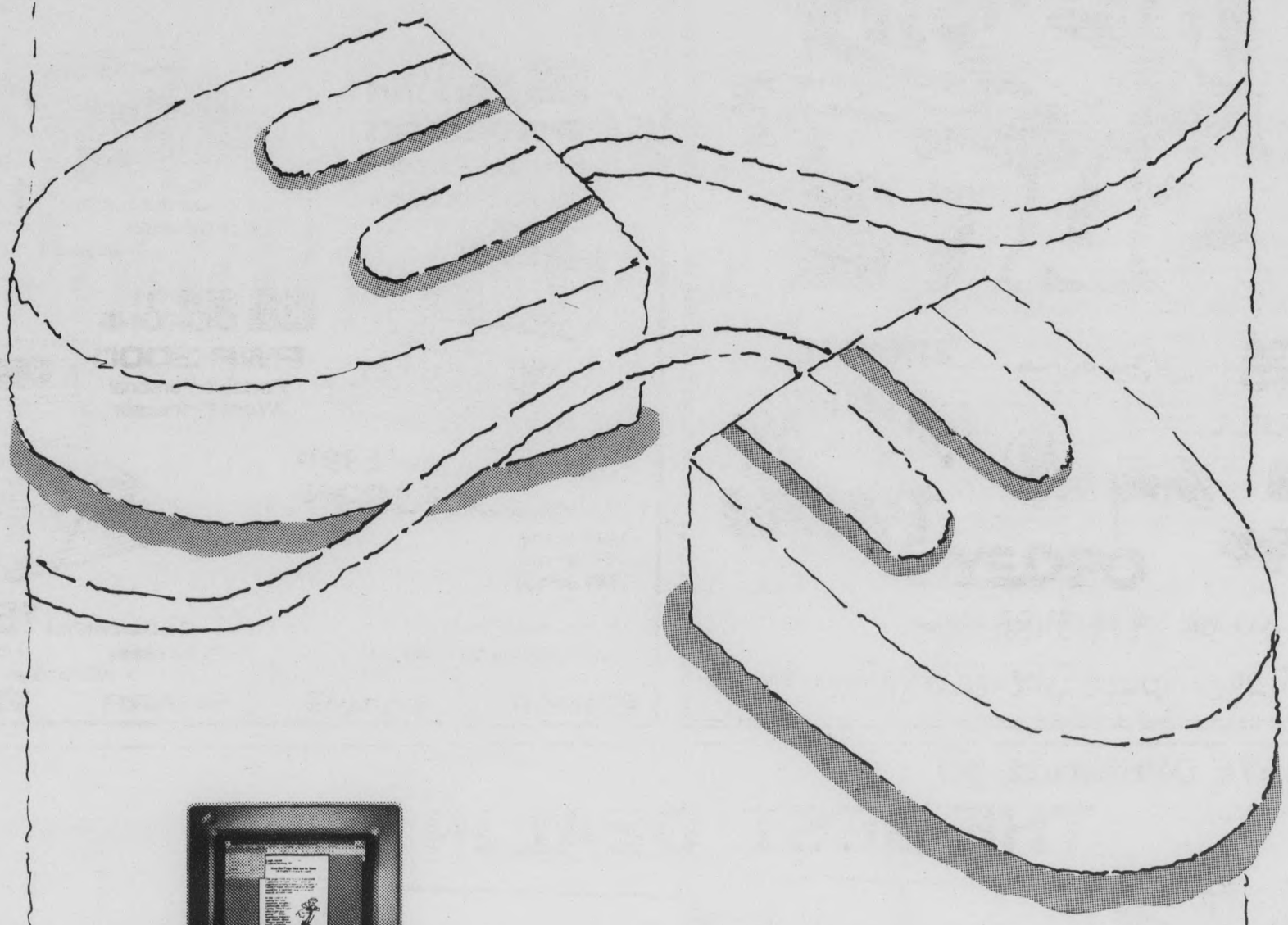

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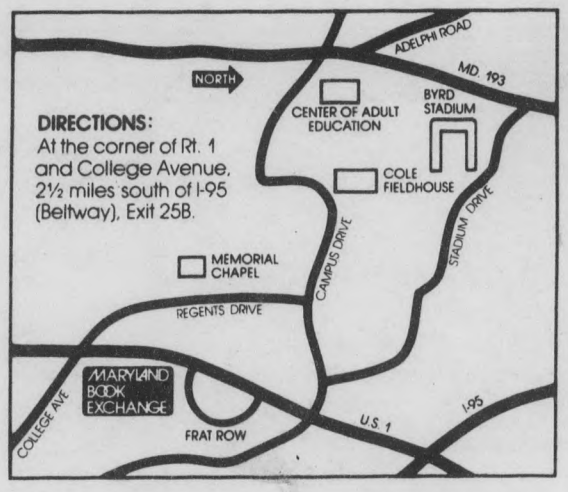

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